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technology through research

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FENCOLOR: CHEMICAL SPECIALTIES FOR LEATHER SINCE 1998

In 1998, a team of experienced and dynamic technicians founded the company, with the aim of bringing the best of Fenice's specialties to the important Santa Croce tanning area.

20 years of passionate research has allowed to develop a full range of chemicals and dyes for any type of leather, for both for wet end and finishing, offering constant innovation to the tanning industry and provides assistance throughout all stages of the leather preparation.

FENCOLOR provides technical support through its laboratory and a professional team of technicians, providing the customer with timely and professional service in resolving everyday issues.

FENCOLOR is very active in the research and development of new articles according to the latest fashion trends, with a constant attention to ensure formulations that comply with the increasingly stringent regulations on ecology and safety.

Francesco Pandolfi
Sales Manager - International

Simone Dal Canto
Leather Finishing division manager

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The entire range of products from tanning to finishing is created according to the highest requirements and regulations in force today, with a perspective look into the future and a minimized environmental impact.

LEATHER FINISHING.

Since twenty years, the company markets and produces a full range of leather finishing specialties.

The initial and current experience as exclusive distributor of the Fenice products for Tuscany has made it possible to develop a line of products specifically tailored for the local market, with particular attention to the evolving fashion trends, to be always leaders in article excellence.

The unremitting quest for new products, new application methods and new articles meet the ever-increasing consumer expectations and provide a competitive edge to our loyal customers.

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TANNING, RETANNING AND DYEING.

The range of wet-end products covers the entire wet end process starting from the tanning to the dyeing, including vegetal mineral tanning and wet white.
The combination of our retanning agents, resins and fatliquors makes it possible to create a wide range of cutting edge products.

Here below you can find the main product categories:

SYNTANS

General proposal and replacement syntans and liquid resins and powders.

AUXILIARIES

They are divided into dye auxiliaries and neutralizing auxiliaries and degreasing and surfactant agents, bactericides, fungicides, beam house products.

FATLIQUORS

Natural, synthetic and semi-synthetic fatliquors.
They are characterized by the excellent high dye ability and high exhaustion.

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Finishing Chemicals
ACRYLIC RESIN

Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT CA 17

Rev. Date 12.2017

DESCRIPTION

FT CA 17 is an acrylic resin in water emulsion.

PHYSICAL CONSTANTS

		Standard Value
Appearance	:	Whitish milky liquid
Dry content (%)	:	35 %
pH (1:10)	:	7.5

PROPERTIES

FT CA 17 is a very adhesive, elastic, synthetic binder suitable for shoe uppers, garments and furniture. It forms a non-sticky film with excellent mechanical and solvent resistance which enables a perfect sealing of the leather surface without overloading the grain.

FT CA 17 is a room temperature self-crosslinking resin, so highly recommended for producing finished articles of great mechanical resistance.

USE

FT CA 17 can be used alone or combined with other binders.

PACKAGING

120 kg drums or 1000 kg mini-tanks.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

The product is guaranteed for its physical and quality characteristics for at least 24 months from the date of production. It must be kept well-sealed and stored in its original packaging according to the conditions on the technical and safety data sheets.

All our information and suggestions are supplied on the basis of our present knowledge and are subject to careful tests. However, we cannot accept responsibility for the use of the product, which must be verified and evaluated for its suitability or otherwise by the customer. Declared physical constants are monitored in production. Please see the relevant Safety Data Sheet for additional safety information.

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FT CA 11

Rev. Date 12.2017

DESCRIPTION

FT CA 11 is an acrylic co-polymer in water emulsion.

PHYSICAL CONSTANTS

		Standard Value
Appearance	:	Yellowish emulsion
Active substance (%)	:	35 %
pH (1:10)	:	7.0

PROPERTIES

FT CA 11 is a medium-soft, highly elastic film-forming acrylic resin with very good flexibility and general fastness.

FT CA 11 does not thicken with ammonia and can also be successfully used as an adhesive for transfer paper.

FT CA 11 shows good plate release and excellent filling properties.

USE

FT CA 17 can be used alone or combined with other binders.

PACKAGING

120 kg drums or 1000 kg mini-tanks.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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FT CA 24

Rev. Date 12.2017

DESCRIPTION

FT CA 24 is a water emulsion of a low temperature self-crosslinking acrylic resin.

PHYSICAL CONSTANTS

		Standard Value
Appearance	:	Whitish milky liquid
Active substance (%)	:	50 %
pH (1:10)	:	7.5

PROPERTIES

FT CA 24 is a self-crosslinking acrylic binder, possessing excellent sealing power. It forms a bright, transparent, medium soft film and its slight stickiness can be obviated by adding certain auxiliaries such as waxes, proteic binders or fillers to the mixture.

USE

FT CA 24 is suitable for being used alone or mixed with other binders in the finishing of splits and buffed leathers.

When utilized as an impregnation resin for splits, it can be combined with other suitable resins and an appropriate penetrating agent.

PACKAGING

120 kg drums or 1000 kg mini-tanks.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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FT CA 27

Rev. Date 12.2017

DESCRIPTION

FT CA 27 is an acrylic resin in water emulsion.

PHYSICAL CONSTANTS

		Standard Value
Appearance	:	Whitish milky liquid
Active substance (%)	:	40 %
pH (1:10)	:	6.0

PROPERTIES

FT CA 27 is a bright, exceedingly hard, scarcely elastic film-forming resin for shoe uppers, garments and upholstery, exclusively utilized to obtain a unique, breaking effect such as "Cracklè."

USE

FT CA 27 is applied by spray systems as well as roller-coater, mixed with other resins and auxiliaries.

PACKAGING

120 kg drums or 1000 kg mini-tanks.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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ACRYLIC RESIN

FT CA 405

Rev. Date 12.2017

DESCRIPTION

FT CA 405 is a polyacrylate in aqueous emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish fluid	
Dry content (%)	:	35 %	*± 2*
pH (1:10)	:	7.5	*± 1*

PROPERTIES

FT CA 405 is a very highly covering acrylic resin which can be thickened with ammonia and forms a clear, soft and elastic, scarcely sticky film with excellent embossing properties and outstanding flex resistance.

USE

FT CA 405, applied by sprayguns, is primarily used for the preparation of covering basecoats.

PACKAGING

120 kg drums or 1000 kg tanks.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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FT CA PW

Rev. Date 12.2017

DESCRIPTION

FT CA PW is a blend of surfactants and synthetic polymer in water-glycol solution.

PHYSICAL CONSTANTS

		Standard Value
Appearance	:	Yellowish transparent liquid
Active substance (%)	:	5 %
pH (1:10)	:	7.0 *± 1*

PROPERTIES

FC CA PW is an impregnation resin expressly formulated for wet-white full grain leathers which are very difficult to impregnate in comparison with the classic wet-blue.

USE

FC CA PW is a ready-to-use product, therefore it does not need the addition of any auxiliary and can be directly applied by roller-coater in the amount of about 15 g/ft² prior to dilution 1 to 0,5 with water.

Leathers treated with FC CA PW can be subsequently subjected to mechanical operations.

PACKAGING

120 kg drums or 1000 kg mini-tanks.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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P.Iva 01450040504

FT CA 09

Rev. Date 12.2017

DESCRIPTION

FT CA 09 is a medium-soft acrylic copolymer in water emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	yellowish liquid	
Active substance (%)	:	20 %	± 2
pH (1:10)	:	6.5	± 1
Density (g/cm³)	:	1.01	± 0.05

PROPERTIES

FT CA 09 is a glossy, transparent, medium-soft film-forming polymer.

USE

Due to its small particle size FT CA 09 is especially used in difficult cases as impregnation additive as well as to improve the adhesion.

FT CA 09 is used also in combination with other binders for shoe, garments, nappa finishing.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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Finishing Chemicals
BUTADIENE RESIN

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
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T. +39 0571366788
P.Iva 01450040504

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BUTADIENE RESIN

FT BU 39

Rev. Date 12.2017

DESCRIPTION

FT BU 39 is a blend of a butadiene co-polymer and softener auxiliary in water emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Active substance (%)	:	35 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT BU 39 is a semi-dull, medium soft, elastic film-forming butadiene-based compound, suitable for being applied to the flesh side of the leathers in order to obtain a plasticized effect after ironing, without any hardening occurring.

Leathers treated with FT BU 39 do not stick to each other when piled up, plated or dry milled.

USE

FT BU 39 is applied to leathers prior to dilution with water and the addition of ome suitable thickener, depending on the method utilized (spraygun systems or roller coater machine)

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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Finishing Chemicals
POLYURETHANES

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
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T. +39 0571366788
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FT UR 350

Rev. Date 12.2017

DESCRIPTION

FT UR 350 is an aliphatic polyurethane in water dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish emulsion	
Active substance (%)	:	30 %	*± 2*
pH (1:10)	:	7.0	*± 1*

PROPERTIES

FT UR 350 is a medium-soft, film-forming polyurethane, particularly suitable for use with glazed finishes, where it enhances wet-fastness resistance without interfering with the glazing operations.

USE

FT UR 350 should be added to the basecoat protein binder in a quantity varying from 10 % to 20 %.
FT UR 350 is NMP and NEP free and does not contain any formaldehyde.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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FT UR 538

Rev. Date 12.2017

DESCRIPTION

FT UR 538 is a non-ionic aliphatic polyurethane in water dispersion.

PHYSICAL CONSTANTS

		Standard Value
Appearance	:	Whitish milky fluid
Dry content (%)	:	20 % *± 2*
pH (1:10)	:	7.0 *± 1*

PROPERTIES

FT UR 538 is a soft, tenacious, scarcely sticky film-forming polyurethane.
FT UR 538 can also be polished when added to cationic pregrounds to improve adhesion and impart a pleasant touch as a result.

USE

Due to its adhesive power, FT UR 538 can be used as an adhesion promoter either in water or solvent systems: in the latter, prior to an inversion phase with glycols.
Due to its high versatility and compatibility with both anionic and cationic systems,
FT UR 538 is the ideal polyurethane for widely diverse formulations, ensuring finishes with good adhesion, resistance and a pleasant feel.

PACKAGING

120 kg drums or 1000 kg mini-tanks.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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POLYURETHANES

FT UR 531

Rev. Date 12.2017

DESCRIPTION

FT UR 531 is an aliphatic polyurethane in water dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish liquid	
Dry content (%)	:	35 %	*± 2*
pH (1:10)	:	8.5	*± 1*

PROPERTIES

FT UR 531 is a non-sticky, medium-hard, elastic, tenacious, film-forming polyurethane, suitable for all types of leathers, including embossed and splits in particular, where it exhibits excellent properties of embossability, good print retention and physical resistance such as wet/dry rub fastness and flex resistance at low temperatures.

USE

FT UR 531 is applied by roller-coater, mixed with some pigments and other auxiliaries.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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POLYURETHANES

FT UR 610

Rev. Date 12.2017

DESCRIPTION

FT UR 610 is a polyurethane in water dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish opalescent liquid	
Active substance (%)	:	12.0	*± 2*
pH (1:10)	:	8.5	*± 1*
Density (g/cm³)	:	1.05	*± 0.05*

PROPERTIES

FT UR 610 is a ready-to-use waterborne topcoat with high gloss and very deep transparency.

It forms a medium-hard film with a smooth, non-plastic feel and it is particularly suitable as topcoat for shoe uppers and leather goods.

It may be also used for finishing glossy articles for high quality upholstery.

Natural and elegant feel and deepness of colours, especially on dark shades, are the most appreciated features of FT UR 610.

USE

When semi-dull articles are requested, FT UR 610 may be used in combination with the matt version FT UR 640.

FT UR 610's pu-polycarbonate nature ensures outstanding hydrolytic resistance and very high chemical and physical fastness.

FT UR 610 is applied by spray, with addition of a crosslinker for increasing further the performances.

PACKAGING

120 kg plastic drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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POLYURETHANES

FT UR 650

Rev. Date 12.2017

DESCRIPTION

FT UR 650 is a water dispersion of aliphatic polyurethanes and dulling agents.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	whitish liquid	
Active substance (%)	:	14.0 %	*± 2*
pH (1:10)	:	8.0	*± 1*
Density (g/cm³)	:	1.0	*± 0.05*

PROPERTIES

FT UR 650 is destined to be used as a fine non-repolishable matt topcoat for shoe upper and leathergoods.

It forms a dull, medium-hard film, without tackiness, with very good general fastness and smooth feel.

USE

FT UR 650 it is applied by spray, with addition of isocyanate crosslinker for increasing fastness and adhesion.

FT UR 650 does not contain NEP.

PACKAGING

120 kg plastic drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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FT UR 6016

Rev. Date 12.2017

DESCRIPTION

FT UR 6016 is a water dispersion of aliphatic polyurethanes and matting agents.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	whitish fluid	
Active substance (%)	:	16 %	*± 2*
pH (1:10)	:	8.5	*± 1*
Density (g/cm³)	:	1.02	*± 0.05*

PROPERTIES

FT UR 6016 is a waterborne topcoat for upholstery leather with a non-repolishable dullness, a silky-velvet hand and high general fastness.

FT UR 6016 forms a flexible film of medium hardness and guarantees outstanding performance, particularly wet-rubs, when it is used in combination with the crosslinker FT KT 14 (polyaziridine).

USE

FT UR 6016 is applied by spray as supplied. In order to obtain a flowing hand it is advisable the addition of TOUCH FT HF in a ratio of 2 – 3 %.
FT UR 6016 does not contain NMP.

PACKAGING

120 kg plastic drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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POLYURETHANES

FT UR 6030

Rev. Date 12.2017

DESCRIPTION

FT UR 6030 is an aliphatic polyurethane in water dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish fluid	
Active substance (%)	:	26 %	*± 2*
pH (1:10)	:	8.0	*± 1*
Density (g/cm³)	:	1.00	*± 0.05*

PROPERTIES

FT UR 6030 is a concentrated waterborne fixing agent to be used as a glossy topcoat for upholstery leather.

It is soft and forms a clear and glossy film with a smooth feel.

USE

FT UR 6030 is supplied in a concentrated form and it can be diluted up to 1:1 before use.

Viscosity should be adjusted to the optimal value of 22-25 sec F.C. 4.

An intermediate grade of gloss can be obtained by blending FT UR 6030 with the matt topcoat.

The general fastness of FT UR 6030 is good when it is used with a suitable crosslinker: we suggest the isocyanate FT KT 105 or the polyaziridine FT KT 14.

The mixture of topcoat and crosslinker has a pot-life of about 6-8 hours.

FT UR 6030 does not contain NMP or NEP.

PACKAGING

120 kg plastic drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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POLYURETHANES

FT UR 6093

Rev. Date 12.2017

DESCRIPTION

FT UR 6093 is a water dispersion of aliphatic polyurethanes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish fluid	
Active substance (%)	:	14 %	*± 2*
pH (1:10)	:	8.0	*± 1*
Density (g/cm³)	:	1.01	*± 0.05*

PROPERTIES

FT UR 6093 is a glossy water-based topcoat with a dry, slippery feel utilized for upholstery articles, shoe uppers and leather goods.

USE

FT UR 6093 forms a glossy, medium-hard film with good scratch resistance, characterized by very good wet rub fastness when crosslinked with 2 – 3 % of FT KT 14.

PACKAGING

120 kg plastic drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

The product is guaranteed for its physical and quality characteristics for at least 24 months from the date of production. It must be kept well-sealed and stored in its original packaging according to the conditions on the technical and safety data sheets.

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Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT UR F

Rev. Date 12.2017

DESCRIPTION

FT UR F is a water dispersion of polyurethane.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	liquid	
Active substance (%)	:	13.0	± 2
Charge	:	Anionic	

PROPERTIES

FT URF is a water dispersion of aliphatic polyurethane and it forms very gloss, dry and medium soft films.

USE

FT UR F it is suitable for water-borne finishing of furniture and leather goods articles with high fastness.

PACKAGING

120 kg plastic drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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P.Iva 01450040504

FT UR 534

Rev. Date 12.2017

DESCRIPTION

FT UR 534 is an aliphatic polyurethane in water dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish liquid	
Active substance (%)	:	37.0 %	*± 2*
pH (1:10)	:	8.5	*± 1*
Charge	:	Anionic	

PROPERTIES

FT UR 534 is a water dispersion of aliphatic polyurethane particularly suitable in bottom coat solutions or for buffed grain shoe articles like box, college etc.

It can be also used in bottom coats for splits, in order to improve sealing together with flex and cold resistance.

USE

FT UR 534 is applied by spray or roller-coater.

PACKAGING

120 kg plastic drums or 1000 kg tanks.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT UR 640

Rev. Date 12.2017

DESCRIPTION

FT UR 640 is a polyurethane in water dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish opalescent liquid	
Active substance (%)	:	12.0	*± 2*
pH (1:10)	:	8.5	*± 1*
Density (g/cm³)	:	1.01	*± 0.05*

PROPERTIES

FT UR 640 is an opaque topcoat.

When semi-dull articles are requested, FT UR 640 may be used in combination with the brilliant version FT UR 610.

FT UR 610's pu-polycarbonate nature ensures outstanding hydrolytic resistance and very high chemical and physical fastness.

USE

FT UR 640 is applied by spray, with addition of a crosslinker for increasing further the performances.

PACKAGING

120 kg plastic drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
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P.Iva 01450040504

FT UR 6006

Rev. Date 12.2017

DESCRIPTION

Aliphatic polyurethane in water dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	whitish opalescent liquid	
Active substance (%)	:	16 %	± 2
pH	:	8,0	+/- 1
Density (g/cm3)	:	1.00 ± 0.05	

PROPERTIES

FT UR 6006 is a ready-to-use PU topcoat for leather finishing.
It forms a bright and transparent film of medium hardness and good elesticity.

USE

FT UR 6006 is applied by spray as supplied and it confers high gloss, soft and natural feel, good wet-fastness when crosslinked with 2-3% of aziridine or 4-5% of isocyanate.

FT UR 6006 does not contain NEP.

PACKAGING

120 kg plastic drum .

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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POLYURETHANES

FT UR 6020

Rev. Date 12.2017

DESCRIPTION

Polyurethanes and matting agents in water dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	whitish opalescent liquid	
Active substance (%)	:	16.0 %	± 2
pH (1:10)	:	8.0	± 1
Density (g/cm3)	:	0.97 ± 0.05	

PROPERTIES

FT UR 6020 is a ready-to-use topcoat for upholstery leather.
It confers a medium-high dullness, non repolishable, and a pleasant warm and waxy feel.
It forms a matt film with good elasticity.

USE

FT UR 6020 is applied by spray as supplied, with addition of a crosslinker for increasing adhesion and wet-fastness.

FT UR 6020 does not contain NEP.

PACKAGING

120 kg plastic drum .

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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POLYURETHANES

FT UR 109

Rev. Date 12.2017

DESCRIPTION

Aliphatic polyurethane in water dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	whitish opalescent liquid	
Active substance (%)	:	9 %	± 2
pH	:	7,5	+/- 1
Density (g/cm3)	:	1.00 ± 0.05	

PROPERTIES

FT UR 109 can be used in nappas and, generally, in all types of light finishes for garment and shoes uppers as a soft binder that does not overload the grain and keeps the leather soft and natural.

USE

In suitable formulations, FT UR 109 can be used also in polishable and brushable prebottomings and basecoats. Its non ionic character makes it widely compatible also with cationic auxiliaries.

FT UR 109 forms a transparent, soft and elastic film and, due to its good penetration, it can also act as an adhesion promotes.

PACKAGING

120 kg plastic drum .

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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SYSTEMS

FT COMPAT STP

Rev. Date 12.2017

DESCRIPTION

FT COMPAT STP is a blend of polyurethanes, polyacrylate and fillers in water dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	24 %	*± 2*
pH (1:10)	:	9.0	*± 1*

PROPERTIES

FT COMPAT STP is a ready-to-use compound expressly designed for both buffed and full grain car upholstery leathers, which performs extremely well in terms of covering, embossability, dry milling and cold flex resistance at temperatures as low as -30°C.

Due to its low stickness, FT COMPAT STP does not need any insulating coat before being embossed and it is highly recommended to complete the finishing with FT COMPAT STP/2 as a colour coat and a water-based topcoat in the FT US series which ensure the best mechanical resistance of the finished article.

USE

FT COMPAT STP, mixed with 15 % of pigments, is applied by spray-gun systems.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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T. +39 0571366788
P.Iva 01450040504

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FT COMPAT WR 10

Rev. Date 12.2017

DESCRIPTION

FT COMPAT WR 10 is a blend of polyurethanes, polyacrylate and fillers in water dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	24 %	*± 2*
pH (1:10)	:	8.5	*± 1*

PROPERTIES

FT COMPAT WR 10 is a ready-to-use compound specifically designed for being the main basecoat for automotive leathers, distinguished by its superior covering power and printability.

Due to its low stickiness, FT COMPAT WR 10 does not require any insulating coat before being embossed.

The leathers treated with FT COMPAT WR 10 show high print retention and excellent cold flex resistance. In order to obtain the highest mechanical resistance possible, it is recommended to continue with the finishing phase, by applying FT COMPAT STP 2 as the respray coat after the embossing operation.

USE

FT COMPAT WR/10, mixed with 15 % of pigments, is applied by spray-gun systems.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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FT COMPAT STP 2

Rev. Date 12.2017

DESCRIPTION

FT COMPAT STP 2 is a blend of polyurethanes, polyacrylates and matting agents in water dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	20 %	*± 2*
pH (1:10)	:	8.5	*± 1*

PROPERTIES

FT COMPAT STP 2 is a compound expressly formulated for use as the ideal respray coat for automotive leathers which have been embossed after being treated with FT COMPAT STP.

FT COMPAT STP 2 forms a regular, consistent, opaque film, which is highly covering and adhesive to ensure the required adhesion between the finishing layers. It is also recommended to add 2 % - 3 % of a crosslinker such as FT K 54 in order to enhance its general resistance. After the application of FT COMPAT STP 2, the finishing process can be completed by applying the upholstery water-based topcoats FT UR in our series.

USE

FT COMPAT STP 2 is applied by spray-gun systems, mixed with some pigments and 2 – 3 % of FT K 54 as a crosslinker.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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T. +39 0571366788
P.Iva 01450040504

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FT COMPAT AL

Rev. Date 12.2017

DESCRIPTION

FT COMPAT AL is a water emulsion of polyacrylates and waxy substances.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	23 %	*± 2*
pH (1:10)	:	8.5	*± 1*

PROPERTIES

FT COMPAT AL is a slightly opaque, soft, waxy, elastic binder, specifically designed for the finishing of luxury garments, principally sheep skin.

FT COMPAT AL imparts a soft, natural touch, ensuring high adhesion and wet/dry resistance to the leather. FT COMPAT AL withstands prolonged dry milling without changing its aspect and any greying which may occur due to stretching.

USE

FT COMPAT AL is used as a sole binder, mixed with some pigments and diluted with water. Afterward, it can be applied to the leather in 3 to 4 cross sprays, depending on the result to be obtained.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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FT COMPAT 50/A

Rev. Date 12.2017

DESCRIPTION

FT COMPAT 50/A is a polyurethane dispersion, polyacrylates and waxes in emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	26 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT COMPAT 50/A is a slightly opaque, soft, waxy, elastic binder, specifically designed for the finishing of luxury garments, principally sheep skin.

FT COMPAT 50/A imparts a soft, natural touch, ensuring high adhesion and wet/dry resistance to the leather. FT COMPAT AL withstands prolonged dry milling without changing its aspect and any greying which may occur due to stretching.

FT COMPAT 50/A is slightly more covering than FT COMPAT AL.

USE

FT COMPAT 50/A is used as a sole binder, mixed with some pigments and diluted with water. Afterwards, it can be applied to the leather in 3 to 4 cross sprays, depending on the result to be obtained.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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FT COMPAT AB LV

Rev. Date 12.2017

DESCRIPTION

FT COMPAT AB LV is a watery blend of natural and synthetic polymers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	30 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT COMPAT AB LV is an NMP or NEP free, ready-to-use compound, which forms a resistant, medium-hard film, distinguished by its high coverage and excellent drift, expressly designed for the finishing of buffed leathers for shoe upper articles or leather goods. The leathers produced using FT COMPAT AB LV do not cause any stickiness when ironed or during the mechanical operations, exhibiting outstanding flex resistance as usually required for these types of finishes.

USE

FT COMPAT AB LV is applied by roller-coater machine in a few applications, depending on the type of leather.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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FT COMPAT AB LUX

Rev. Date 12.2017

DESCRIPTION

FT COMPAT AB LUX is an aqueous dispersion of polyurethanes, polyacrylates and fillers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish viscous fluid	
Dry content (%)	:	27 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT COMPAT AB LUX is a ready-to-use covering basecoat suitable for buffed leathers which is designed for leather goods and shoe uppers and forms a clear, elastic, medium-hard film with outstanding general fastness.

USE

FT COMPAT AB LUX is applied by roller-coater with the addition of about 15 % of pigments.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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FT COMPAT AR

Rev. Date 12.2017

DESCRIPTION

FT COMPAT AR is an aqueous emulsion of polyacrilates, waxes and matting agents.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Milky fluid	
Dry content (%)	:	23 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT COMPAT AR is a compound suitable for the finishing of upholstery leathers which exhibits excellent covering power and very good results when printed.

After having been dry milled, the leathers treated with FT COMPAT AR exhibit a pleasant, natural look and a soft break prior to being fixed with both solvent-borne or water-based topcoats.

USE

FT COMPAT AR is usually applied with spraygun systems.

PACKAGING

120 kg drums or 1.000 kg tanks.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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T. +39 0571366788
P.Iva 01450040504

SYSTEMS

FT COMPAT 1010

Rev. Date 12.2017

DESCRIPTION

FT COMPAT 1010 is a blend of polyacrylates, softeners and matting agents.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	32 %	*± 2*
pH (1:10)	:	8.5	*± 1*

PROPERTIES

FT COMPAT 1010 is a ready-to-use compound suitable for shoe upper articles on buffed leathers, which forms a medium-soft, very sealing, non-sticky, opaque film.

FT COMPAT 1010 is embossable at high temperatures without presenting any cutting-through, displaying excellent print retention, even with small patterns such as haircell.

USE

FT COMPAT 1010 only requires the addition of pigments (about 15%) and possibly some water, depending on the leather to which it is applied.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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P.Iva 01450040504

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FT COMPAT 1030

Rev. Date 12.2017

DESCRIPTION

FT COMPAT 1030 is a blend of polyurethanes, polyacrylates and fillers in water dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish fluid	
Dry content (%)	:	25 %	*± 2*
pH (1:10)	:	9.0	*± 1*

PROPERTIES

FT COMPAT 1030 is a compact binder, which forms an elastic, tenacious, low sticky film, which possesses great print retention suitable for the finishing of full grain and buffed bovine leathers designed for heavily finished footwear.

The large amount of polyurethane it contains, enables excellent mechanical resistance to be obtained even at low temperatures.

USE

FT COMPAT 1030 can be applied by spray-guns or roller-coater after the addition of about 15 % of pigments.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

The product is guaranteed for its physical and quality characteristics for at least 24 months from the date of production. It must be kept well-sealed and stored in its original packaging according to the conditions on the technical and safety data sheets.

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Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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SYSTEMS

FT COMPAT F 200

Rev. Date 12.2017

DESCRIPTION

FT COMPAT F 200 is a blend of acrylic binders and fillers in water emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Active substance (%)	:	22 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT COMPAT F 200 is quite an opaque, soft, film-forming binder; purposely designed for treating lightly buffed leathers in order to obtain a soft, pleasant finishing with good coverage without overloading the grain, which excellently performs during operations at high temperatures.

USE

FT COMPAT F 200 can be applied by normal spraying, an HVLP system or by padding;

after the addition of 15 % of pigments and up to 20 % of water, depending on the coverage required, considering that the ideal quantity is 15-20 g/ft² and should be applied twice with a possible intermediate print between the two spray coats.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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FT COMPAT 1020

Rev. Date 12.2017

DESCRIPTION

FT COMPAT 1020 is a blend of synthetic binders and fillers in water emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	19 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT COMPAT 1020 is a ready-to-use compound, specifically formulated for the finishing of shoe lining, displaying outstanding coverage and fastness, since it does not need any crosslinker or fixing agent to reach the appropriate resistance required by this type of finishing. After the final plating, no further application is required.

USE

FT COMPAT 1020 is applied by spray-guns after the addition of about 10 % of pigments and possibly some water if needed.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Finishing Chemicals

PROTEIN BINDERS AND WAXES

Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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FT 716

Rev. Date 12.2017

DESCRIPTION

FT 716 is a polyamide in colloidal water dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish fluid	
Dry content (%)	:	15 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT 716 is a very bright binder which forms a flexible, re-polishable, non-thermoplastic, medium-hard film. Its polyamide nature enables excellent dry rub fastness to be obtained and its fixing power is enhanced when mixed with formalin-like products such as FIX LEATHER in our series.

USE

FT 716 is usually added to water basecoats and water-based topcoats for classic, embossable and glazable, natural finishes, to which it confers a pleasant silky touch.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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T. +39 0571366788
P.Iva 01450040504

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FT 747

Rev. Date 12.2017

DESCRIPTION

FT 747 is a blend of proteins, oils and waxes in water emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish emulsion	
Dry content (%)	:	22 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT 747 is an easy-to-use, all-in-one, glazing binder suitable for basecoats and topcoats, which provides an exceptional luster to the leather, along with transparency, adhesion and fixation; easing the glazing phase.

USE

Apply FT 747 with aniline and pigments, diluted with water in a ratio of about 1:1.5 with 2 or 3 light sprays; then proceed alternating glazing and plating operations according to the absorption and final coverage desired.

PACKAGING

50 or 120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
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T. +39 0571366788
P.Iva 01450040504

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FT 704 BLACK

Rev. Date 12.2017

DESCRIPTION

FT 704 BLACK is an acid dyestuff aqueous solution.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Black liquid	
Dry content (%)	:	13 %	*± 2*
pH (1:10)	:	9.5	*± 1*

PROPERTIES

FT 704 BLACK is utilized in black coverings in order to enhance their black hue.

USE

Here below is an example of a recipe for a black covering:

Black pigment_____80
FT 715_____70
FT 711_____30
Water_____400
FTCA17_____100
FT CA 09_____50
FT 704 BLACK_____15/20

PACKAGING

30 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
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T. +39 0571366788
P.Iva 01450040504

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FT 715

Rev. Date 12.2017

DESCRIPTION

FT 715 is an aqueous emulsion of waxes, polyamide and plasticizing oils.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	17 %	*± 2*
pH (1:10)	:	8.5	*± 1*

PROPERTIES

FT 715 is a balanced blend of various products, such as proteins, waxes and softeners, which forms a non-sticky, translucent, medium-hard film, suitable for being used in polymeric basecoats, aimed to confer a more natural look, imparting a good waxy seal and a silky touch.

USE

FT 715 can be used as the main binder in proteic basecoats, whereas in polymeric basecoats it should be 30 – 50 % calculated on the polymers amount.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT OIL 191

Rev. Date 12.2017

DESCRIPTION

FT OIL 191 is a slightly cationic oil in aqueous emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	20 %	*± 2*
pH (1:10)	:	6.5	*± 1*

PROPERTIES

FT OIL 191 is an exceptional multipurpose auxiliary for full and corrected grain leathers which reduces absorbency, uniforms the finishing and confers a pleasant, rounded touch with a fine break, due to its softening qualities.

USE

FT OIL 191 is applied by spray-guns, added to basecoats or pre-grounds in a quantity from 50 up to 100 g/l.

PACKAGING

110 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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FT 705

Rev. Date 12.2017

DESCRIPTION

FT 705 is a blend of protein binders, waxes and oils in water emulsion.

PHYSICAL CONSTANTS

		Standard Value
Appearance	:	Yellowish emulsion
Active substance (%)	:	32 %
pH (1:10)	:	7.5 *± 1*

PROPERTIES

FT 705 is a soft, bright, film-forming auxiliary, which is really versatile and suitable for corrected grain and polishable basecoats. Due to its versatility, FT 705 can be utilized for different purposes since it can act either as a softener and fiber lubricant or, to homogenize the surface of the leather, without any overloading occurring, in preparation for the subsequent finishing applications.

USE

FT 705 is applied by spray-gun systems after being added to basecoat mixtures.

If used as a polishable sealing covering for full grain bovine leathers, it noticeably helps mask defects when polished with amber felt.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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FT 729

Rev. Date 12.2017

DESCRIPTION

FT 729 is a black modified protein binder in water dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Black liquid	
Dry content (%)	:	24 %	*± 2*
pH (1:10)	:	8.5	*± 1*

PROPERTIES

FT 729 is a superb black, water-based protein binder which forms a bright, transparent, soft film with an intense, neutral black tone.

FT 729 possesses great penetrative power, as well as adhesion and drift properties.

Furthermore, it confers an even coverage to all leathers.

USE

FT 729 is used as the principal component in basecoats and should be applied by spray-guns or pad, in several thin layers, in order to set off its features.

PACKAGING

30 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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FT 719

Rev. Date 12.2017

DESCRIPTION

FT 719 is a protein binder with mineral dullers in water dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish viscous liquid	
Dry content (%)	:	14 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT 719 is a hard, very opaque, non-thermoplastic protein, suitable for obtaining a high degree of opacity.

Leathers treated with FT 719 are non repolishable, display a natural look and a smooth touch without influencing colours.

USE

FT 719 is applied by spray-gun systems, mixed with basecoats in place of fillers, according to the degree of opacity required.

PACKAGING

30 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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FT 712 BLACK

Rev. Date 12.2017

DESCRIPTION

FT 712 BLACK is an aqueous blend of modified proteins and black dyestuff.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Black paste	
Dry content (%)	:	14 %	*± 2*
pH (1:10)	:	9.0	*± 1*

PROPERTIES

FT 712 BLACK is the ideal color auxiliary for black finishing based on protein binders, since it noticeably contributes to obtaining a deep, uniform, transparent, black hue, which is evident after the final glazing or plating of the topcoats.

USE

FT 712 BLACK is applied by spray-gun or pad, mixed with basecoats and topcoats if required, in the quantity necessary to reach the black point desired.

FT 712 tends to jellify at temperatures below 20°C, therefore it is advisable to avoid this happening, even though heating can return it to its previous state.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT 620

Rev. Date 12.2017

DESCRIPTION

FT 620 is an aqueous modified protein binder.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Viscous yellowish fluid	
Dry content (%)	:	16 %	*± 2*
pH (1:10)	:	8.5	*± 1*

PROPERTIES

FT 620 is a very bright, slightly plasticized proteic binder, suitable for enhancing heat and rub resistance, easing mechanical operations.

USE

When utilized as an additive for glazeable finishing, FT 620 greatly enhances its brightness and confers a smooth touch to the leather. Added either to basecoat finishing mixtures or topcoat, it can be easily fixed with FIX LEATHER.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT 728

Rev. Date 12.2017

DESCRIPTION

FT 728 is a blend of proteins, polyamide and oils in water dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish viscous liquid	
Dry content (%)	:	18 %	± 2
pH (1:10)	:	8.0	± 1

PROPERTIES

FT 728 is a very elastic, non-thermoplastic protein binder with good filling power, which can be easily repolished, glazed and hot plated, significantly improving sealing and workability, conferring a very nice touch to the leather.

USE

Used as a sole binder in protein basecoats or mixed with harder binders in topcoats, FT 728 imparts a softer, smoother touch, enhancing break and repolishability.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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FT 707

Rev. Date 12.2017

DESCRIPTION

FT 707 is a modified protein binder with synthetic polymers in aqueous solution.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish viscous fluid	
Dry content (%)	:	18 %	*± 2*
pH (1:10)	:	8.5	*± 1*

PROPERTIES

FT 707 is a very bright, proteic binder, dilutable in water in any ratio, which forms a transparent, elastic, medium-hard film.

USE

FT 707 can be used in any phase of water-based finishing. It is easily glazeable, however, since it has a residual sensibility to heat, it will completely develop its bright, shiny properties after the application of mechanical operations such as Finiflex or plating. FT 707, mixed with other binders, is therefore suitable for final water-based topcoats to which it confers an excellent, warm light with both a natural look and touch.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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T. +39 0571366788
P.Iva 01450040504

FT 752

Rev. Date 12.2017

DESCRIPTION

FT 752 is an aqueous blend of protein binders and waxes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish viscous fluid	
Dry content (%)	:	8 %	*± 2*
pH (1:10)	:	9.0	*± 1*

PROPERTIES

FT 752 is a highly adaptable, medium-soft binder, suitable for all those finishings which use protein binders. FT 752 adheres well to any type of leather, imparting a pleasant, natural, waxy touch to the finishing without any stickiness occurring.

USE

FT 752 can be the principal component of polishable and/or glazable finishing mixtures applied using the most suitable method for the type of article to be obtained.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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FT 724 L

Rev. Date 12.2017

DESCRIPTION

FT 724 L is an aqueous modified protein binder.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish viscous fluid	
Dry content (%)	:	14 %	*± 2*
pH (1:10)	:	8.5	*± 1*

PROPERTIES

FT 724 L is a bright, elastic, non-thermoplastic film-forming proteic binder which has a wide variety of applications due to its excellent versatility.

FT 724 L is excellent for the finishing of shoe uppers, slippers and boots needing hot ironing resistance and heat resistance in general, since these types of finishes must withstand the high temperatures to which they are subjected to, during the different phases of the finishing process, such as hot plating and heat setting.

USE

Used as a sole binder, diluted 1:3 or 1:5 with water and applied by sprayguns, FT 724 L works as an excellent pre-ground that can be subsequently polished and/or plated. Furthermore, due to its outstanding glazeability, it can be used generously in the lower coats of this type of finishing. The topcoats need harder binders, whilst in pre-grounds and basecoats containing a low quantity of resins, it acts as an adhesion promoter.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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FENCOLOR
technology through research

Finishing Chemicals
FILLERS

Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT WAX 743

Rev. Date 12.2017

DESCRIPTION

FT WAX 743 is an aqueous dispersion of synthetic waxes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish viscous fluid	
Dry content (%)	:	20 %	*± 2*
pH (1:10)	:	7.0	*± 1*

PROPERTIES

FT WAX 743 is a blend of non-ionic, opaque waxes, used as an effective plate releaser with a natural, smooth touch which contributes to optimizing the finishing due to its exceptional anti-scratching characteristics.

USE

FT WAX 743 is applied after being added to the polymeric mixtures in a quantity which varies according to the other products compounded in the mixture, it should therefore not be used excessively.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

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P.Iva 01450040504

FT WAX 737

Rev. Date 12.2017

DESCRIPTION

FT WAX 737 is an aqueous dispersion of fatty substances, waxes and mineral fillers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish fluid	
Dry content (%)	:	24 %	*± 2*
pH (1:10)	:	9.0	*± 1*

PROPERTIES

FT WAX 737 is an opaque, medium-hard film-forming filler, designed for use as a plate release agent in basecoat mixtures utilized in the finishing of corrected grain leather for upholstery, even though it can also be used for soft, embossable basecoats.

FT WAX 737 enhances hot ironing and staking operations whilst maintaining leather softness.

USE

FT WAX 737 is applied after being added to the basecoat, in a quantity which varies according to the proportion of resin in the mixture.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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P.Iva 01450040504

FT WAX 780

Rev. Date 12.2017

DESCRIPTION

FT WAX 780 is an aqueous dispersion of inorganic matting agent.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish viscous liquid	
Dry content (%)	:	19 %	*± 2*
Flashpoint (°C)	:	8.5	*± 1*

PROPERTIES

FT WAX 780 is a general-purpose use filler with good heat and light resistance, suitable for all types of basecoats.

FT WAX 780 works both as a matting agent and a plate releaser, due to its capacity of reducing polymers thermoplasticity.

USE

FT WAX 780 is applied by spray-guns, after being added to the basecoat, in a quantity which varies according to the proportion of resin in the mixture.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT WAX 744

Rev. Date 12.2017

DESCRIPTION

FT WAX 744 is a matting agent in aqueous dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish viscous fluid	
Dry content (%)	:	27 %	*± 2*
pH (1:10)	:	8.5	*± 1*

PROPERTIES

FT WAX 744 is an anionic, inorganic filler, used as a filling and matting agent in leather basecoats. It significantly reduces resin thermoplasticity, facilitating piling-up and hot mechanical operations.

USE

FT WAX 744 is added to basecoat mixtures and applied by the most suitable system. Being anionic in nature, FT WAX 744 is incompatible with cationic products.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FILLER 350

Rev. Date 12.2017

DESCRIPTION

FILLER 350 is a blend of modified proteins and minerals in water dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Grey viscous fluid	
Dry content (%)	:	16 %	*± 2*
pH (1:10)	:	7.5	*± 1*

PROPERTIES

FILLER 350 is a medium-soft matting agent in water dispersion suitable for the preparation of basecoats for buffed leather.

FILLER 350 is useful for avoiding any problems related to stickiness which develop during horsing-up or plating and staking operations. Furthermore, it significantly improves embossability, reducing the risk of cutting-through yet conferring opacity, fullness and a dry and smooth touch to the leather.

USE

FILLER 350 is added to basecoat mixtures in a quantity which varies from 5 to 20 % according to the opacity required.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Finishing Chemicals
WAXES

Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT WAX 115

Rev. Date 12.2017

DESCRIPTION

FT WAX 115 is a blend of natural and synthetic waxes with dyestuff in water emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Neutral fluid	
Active substances (%)	:	9 %	*± 2*
pH (1:10)	:	9.5	*± 1*

PROPERTIES

FT WAX 115 is a special water-based mixture of fluid waxes for crust dyeing and finishing, characterized by high penetration and dyeing power.

The aniline effects obtained with its usage is typical of the veg-tanned "Tuscany" articles.

USE

FT WAX 115 can be manually applied by sponge or pad directly to the leather to obtain a uniform or cloudy effect.

It can also be applied by roller-coater to ensure a more uniform effect as a result.

Leathers finished with FT WAX 115 possess good dry/wet resistance and high water-drop fastness.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
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P.Iva 01450040504

FT 711

Rev. Date 12.2017

DESCRIPTION

FT 711 is an aqueous dispersion of waxy high-polymers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish emulsion	
Dry content (%)	:	7.5 %	*± 2*
pH (1:10)	:	9.0	*± 1*

PROPERTIES

FT 711 is a soft auxiliary which is very useful in the finishing process, since it works either as an efficient plate release agent or as a proper soft wax. This enhances both the workability of the polishable and glazable basecoats and its resistance to mechanical operations, without causing any greyness, conferring a slightly matting effect and a soft, smooth touch to the leather.

USE

FT 711 is applied by spray-guns or roller-coater after being added to the basecoats in a variable quantity from 10 to 30 g/l.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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FT WAX GF

Rev. Date 12.2017

DESCRIPTION

FT WAX GF is an aqueous emulsion of darkening waxes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish fluid	
Dry content (%)	:	22 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT WAX GF is a blend of waxes designed to obtain both a slight burnished, repolishable effect on chrome tanned leathers or, a strong pull-up, darkening effect when used to treat semi-vegetable and full-vegetable tanned leathers. On the latter, it causes the grain to harden and the resulting breaking effect known as 'crazy horse'.

USE

FT WAX GF is applied by both spray-guns or roller-coater in one application.

After being dried properly, the leather is plated at about 120°C and subsequently handled or briefly dry milled until the desired effect is achieved.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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FT WAX 740 L

Rev. Date 12.2017

DESCRIPTION

FT WAX 740 L is an aqueous emulsion of synthetic waxes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Neutral emulsion	
Dry content (%)	:	17 %	*± 2*
pH (1:10)	:	8.5	*± 1*

PROPERTIES

FT WAX 740 L is a blend of soft waxes suitable for obtaining sealed and repolishable leathers after mechanical brushing.

USE

FT WAX 740 L is applied by spray-guns to partially finished leathers in order to obtain very good sealing. It can also be used combined with other finishing products for improving brushability, leaving a warm, waxy touch.

PACKAGING

30 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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FT 710

Rev. Date 12.2017

DESCRIPTION

FT 710 is an aqueous dispersion of non-thermoplastic binders, softeners and waxes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	16.5 %	*± 2*
pH (1:10)	:	8.5	*± 1*

PROPERTIES

FT 710 is a soft, slightly opaque, film-forming binder, suitable for glazed or polished articles on sheepskin, specifically designed for goat and sheep skins with blind grain or buffed leathers, on which it seems to replace the full grain look.

USE

FT 710 is applied by spray-gun systems, diluted with water and with the addition of some pigments in our range.

Combined with FT 715, it is commonly used as a polishable basecoat for full grain calf leathers.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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FT WAX 735

Rev. Date 12.2017

DESCRIPTION

FT WAX 735 is an aqueous emulsion of waxes and fatty substances.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Beige fluid	
Dry content (%)	:	14 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT WAX 735 is a very special product, specifically designed to obtain a subtle, darkening effect combined with a bright, burnished effect, on vegetable-tanned or heavily vegetable re-tanned leathers when mechanically brushed.

USE

FT WAX 735 can also be utilized as a polishable auxiliary for glazable finishing and can work as a dry, slippery hand modifier when required.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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FT WAX 759

Rev. Date 12.2017

DESCRIPTION

FT WAX 759 is a blend of synthetic binders, waxes, oil in aqueous dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Neutral fluid	
Dry content (%)	:	8 %	*± 2*
pH (1:10)	:	7.5	*± 1*

PROPERTIES

FT WAX 759 is an auxiliary product which guarantees high water drop resistance, not because of its inner chemical nature, but rather due to the fact that is does not lower water resistance obtained during the re-tanning process

USE

FT WAX 759 is applied after being combined with some other natural oils to create superficial impregnation to fill the fibres. It can also be used in different finishing applications, added in a quantity of 20-30 g/l, in order to enhance the polish effect, water resistance and ironing. Applied on velour and nubuck leathers, FT WAX 759 enhances water resistance and touch. When added to topcoats, it confers a warm, pleasant touch and a silky look, which significantly contributes to upgrading the quality of the leather itself.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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FT WAX 007

Rev. Date 12.2017

DESCRIPTION

FT WAX 007 is an aqueous emulsion of modified waxes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish liquid	
Dry content (%)	:	21 %	*± 2*
pH (1:10)	:	9.5	*± 1*

PROPERTIES

FT WAX 007 is a mixture of selected waxes, suitable for the finishing of both full grain and buffed leathers, especially for footwear and leather goods.

FT WAX 007 forms a light, opaque coverage which has a notable shiny burnished effect after being brushed.

USE

FT WAX 007 is applied in 2 single coats by roller-coater or by spray-gun, after being diluted with water in a ratio of 1:1.

PACKAGING

50 kg or 120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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FT WAX 966

Rev. Date 12.2017

DESCRIPTION

FT WAX 966 is an aqueous dispersion of waxes, oils and polymers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish viscous liquid	
Dry content (%)	:	21 %	*± 2*
pH (1:10)	:	9.5	*± 1*

PROPERTIES

FT WAX 966 is a waxy blend which is ideal for use as a sealing pre-ground on corrected grain since it has a noticeable upgrading effect on the leathers as a result.

Leathers treated with FT WAX 966 have good coverage and well-sealed surfaces as well as a natural look and touch.

USE

FT WAX 966 is used diluted with water in a ration of 1:1 with the addition of some pigments if required and the leathers can be embossed hair cell or sandblasted afterwards.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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FT WAX 323

Rev. Date 12.2017

DESCRIPTION

FT WAX 323 is an aqueous emulsion of oils and waxes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish liquid	
Dry content (%)	:	24 %	*± 2*
pH (1:10)	:	7.0	*± 1*

PROPERTIES

FT WAX 323 is a blend of selected waxes, suitable for the finishing of full grain and buffed leathers for shoe uppers and leather goods, which works by forming a slightly opaque, brushable finish that, after brushing, confers a pronounced burnished effect, characterized by a transparent sheen.

USE

FT WAX 323 can be applied by roller-coater or spray-guns in several crosses, diluted 1:1 with water.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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FT WAX 985

Rev. Date 12.2017

DESCRIPTION

FT WAX 985 is an aqueous emulsion of a synthetic wax.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish liquid	
Dry content (%)	:	15 %	*± 2*
pH (1:10)	:	7.5	*± 1*

PROPERTIES

FT WAX 985 is a soft wax suitable for finishing sheepskin lightly. It confers a pleasant touch, maintains a natural look and enhances the grain filling of treated leather.

USE

FT WAX 985 is applied by spray-guns, diluted 1:1 with water and polished afterwards, in order to obtain a pleasant darkening effect and a transparent glow.

Applied to black bovine nappa leather, it gives a rich, distinctive colour.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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FT WAX G 56

Rev. Date 12.2017

DESCRIPTION

FT WAX G 56 is an aqueous emulsion of natural and synthetic waxes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Beige fluid	
Dry content (%)	:	17 %	*± 2*
pH (1:10)	:	7.0	*± 1*

PROPERTIES

FT WAX G 56 is a waxy, aqueous emulsion specifically designed to obtain a notable pull up and a darkening effect when sandblasted at 140°C.

USE

FT WAX G 56 is applied as a sole product by spray-gun systems, roller-coater or pad.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

The product is guaranteed for its physical and quality characteristics for at least 24 months from the date of production. It must be kept well-sealed and stored in its original packaging according to the conditions on the technical and safety data sheets.

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Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT CREAM NEUTRAL

Rev. Date 12.2017

DESCRIPTION

FT CREAM NEUTRAL is an emulsion of natural and synthetic waxes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Neutral paste	
Dry content (%)	:	18 %	*± 2*
Density (g/cm³)	:	0.91	*± 0.05*

PROPERTIES

FT CREAM NEUTRAL series of creams are soft, brushable and penetraring shoe creams made from prestigious natural and synthetic wax emulsion.

The product has excellent application power, natural transparency and is very soft.

USE

CREAM NEUTRAL ideal use is in the first coat, as preparation for the glossy cream or before dressing.

The CREAM NEUTRAL series of creams can be used in one or two coats to obtain an extremely soft, natural finishing and can be applied to any type of full or corrected grain leather.

PACKAGING

30 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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T. +39 0571366788
P.Iva 01450040504

FT WAX 719 L

Rev. Date 12.2017

DESCRIPTION

FT WAX 719 L are fluid shoe creams based on natural, synthetic emulsions of fine waxes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Neutral emulsion	
Dry content (%)	:	17 %	*± 2*
pH (1:10)	:	8.5	*± 1*

PROPERTIES

FT WAX 719 L due to their special formulation, their use is very practical, easy and accurate. They can be applied by sponge or cloth onto every type of finished leather.

USE

After a short period of drying, brush with cotton or woollen clothes at a speed of 800 rpm. The result is a leather characterized by a silky, soft shine and feel.

FT WAX 719/L series also performs auxiliary action such as the filling of leather grain and the coloured versions dye the cutting edges.

The leather obtained is also softer and cleaner, with a visible, gentle break of the grain that is also versatile.

PACKAGING

30 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT WAX 508

Rev. Date 12.2017

DESCRIPTION

FT WAX 508 is an aqueous emulsion of waxes and oils.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish liquid	
Dry content (%)	:	13 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT WAX 508 is an anionic, aqueous emulsion which works as a sealing agent, significantly contributing to the leather upgrading by masking superficial defects.

USE

Used alone or mixes with other products, FT WAX 508 produces a uniform opacity on the leather that develops into a sheen after being polished.

PACKAGING

30 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT WAX 300

Rev. Date 12.2017

DESCRIPTION

FT WAX 300 is an aqueous emulsion of oils and waxes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish viscous liquid	
Dry content (%)	:	38 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT WAX 300 is a very special soft wax, designed to create a mild whitening effect when applied to full or corrected grain leathers for shoe upper articles.

FT WAX 300 imparts a warm, waxy touch to the leathers, leaving a bright, well-filled, smooth surface when mechanically brushed.

USE

FT WAX 300 is applied by spray-guns or roller-coater either alone or, mixed with aniline.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT WAX 990

Rev. Date 12.2017

DESCRIPTION

FT WAX 990 is an aqueous emulsion of darkening waxes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Light beige fluid	
Dry content (%)	:	20 %	*± 2*
pH (1:10)	:	7.0	*± 1*

PROPERTIES

FT WAX 990 is a special wax which creates a strong darkening and pull-up effect on full grain or slightly buffed vegetable or semi-vegetable tanned leathers for shoe uppers and garments in order to obtain, after being hot plated, the pleasant breaking effect known as "crazy horse".

USE

FT WAX 990 is applied by spray-guns or roller-coater in a single application.

After the treated leathers have been drie4d, a natural glossy effect can be obtained by plating them at 110-120° C and subsequently handled or briefly dry milled until the desired effect is achieved.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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T. +39 0571366788
P.Iva 01450040504

FT WAX GROUND 200

Rev. Date 12.2017

DESCRIPTION

Waxes and oils in water emulsion .

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	yellowish viscous fluid	
Active substance (%)	:	31 %	± 2
pH	:	8,0	+/- 1
Density (g/cm3)	:	0,99	+/- 0.05

PROPERTIES

FT WAX GROUND 200 is a waxy auxiliary speciality that is principally used in the finishing of soft nappas for shoe uppers.

USE

FT WAX GROUND 200 contributes to grain sealing and to obtain soft and uniform leathers, highly reactive to polishing and brushing and capable to develop a high shine after these mechanical treatments.

FT WAX GROUND 200 confers natural feel and elegant look to the treated leather.

PACKAGING

120 kg plastic drum .

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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AUXILIARIES

Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT WAX 338

Rev. Date 12.2017

DESCRIPTION

FT WAX 338 is an aqueous dispersion of synthetic waxes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish fluid	
Dry content (%)	:	29 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT WAX 338 is a waxy aqueous dispersion, utilized for obtaining a repolishable whitening effect on full and corrected grain leathers for shoe uppers.

FT WAX 338 is softer than the very similar FT WAX 340 and imparts a waxies hand to the leathers.

USE

FT WAX 338 is applied by spray-guns or roller-coater, diluted 1:1 with water or mixed with some FT WAX 340 and aniline.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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T. +39 0571366788
P.Iva 01450040504

FT LEVELLER EC

Rev. Date 12.2017

DESCRIPTION

FT LEVELLER EC is a non-ionic synthetic surfactants.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Milky fluid	
Active substances (%)	:	6 %	± 2

PROPERTIES

FT LEVELLER EC is a functional leveling and wetting agent, useful for solving all those difficult problems related to the surface of the leathers.

FT LEVELLER EC noticeably improves the distension of the finishing applied to the leather by spray systems, pad, roller-coater or curtain coater without influencing wet rub fastness.

USE

FT LEVELLER EC is added to the finishing mixture in a quantity up to 20%, in order to solve distension problems and then applied by the most suitable application system.

PACKAGING

30 kg drum.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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T. +39 0571366788
P.Iva 01450040504

FT PI 020

Rev. Date 12.2017

DESCRIPTION

FT PI 020 is a hydro-alcoholic solution of surfactants and synthetic binder.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Amber fluid	
Dry content (%)	:	4.5 %	*± 1*
Flashpoint (°C)	:	15	*± 1*

PROPERTIES

FT PI 020 is an auxiliary to be used for dyeing the leathers with pre-metalized dyestuff.
FT PI 020 improves the shine and dyeing power of the colours, their uniformity and penetration, contributing to a better fixation of the colours themselves.

USE

FT PI 020 is mixed at about 2:1 with aniline and then applied by spray-guns.

PACKAGING

25 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT ASP W

Rev. Date 12.2017

DESCRIPTION

FT ASP W is an aqueous dispersion of polyurethanes and waxes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish liquid	
Dry content (%)	:	18 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT ASP W is a semi-gloss, medium-hard film-forming waterborne topcoat, suitable for brush off effects, which exploits the contrast that occurs between the shine of the basecoats and the color shade of FT ASP W when the final brushing is performed.

USE

FT ASP W is used alone, applied in 2-3 light cross sprays after being diluted 1:0.5 with water and with the addition of about 10% of pigments.

PACKAGING

50 kg drum.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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P.Iva 01450040504

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SOLVENT 007

Rev. Date 12.2017

DESCRIPTION

SOLVENT 007 is a blend of synthetic polymers and surfactants in organic solvent.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish viscous fluid	
Dry content (%)	:	11 %	*± 2*
Flashpoint (°C)	:	15	*± 1*

PROPERTIES

SOLVENT 007 is an auxiliary to be used for dyeing leathers on both grain and flesh sides.

USE

A mixture containing 50 parts of SOLVENT 007, 50 parts of water and up to 20 parts of aniline is applied by roller-coater with the "double dyeing" cylinder, in order to dye both sides leather.

PACKAGING

25 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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P.Iva 01450040504

TOUCH FT FIX

Rev. Date 12.2017

DESCRIPTION

TOUCH FT FIX is an aqueous emulsion of synthetic binders and softening auxiliaries.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	16 %	*± 2*
pH (1:10)	:	7.0	*± 1*

PROPERTIES

TOUCH FT FIX is an outstanding silky, soft film-forming fixative for suede leathers, which maintains the natural initial brilliance and the writing power of the fibres, without compromising their softness and touch.

USE

TOUCH FT FIX diluted 1:3 with water, is applied by spray-guns in the amount of 2-3 g/ft².

If the leathers treated with TOUCH FT FIX are subjected to a direct injection, a test prior to this procedure would be recommended or, alternatively, an application of TOUCH FT FIX directly to the finished shoe. A slight separation of the product can occur when the product is left in its container for a long period of time, therefore it is advisable to stir it before utilization.

PACKAGING

30 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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T. +39 0571366788
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FT PI NS

Rev. Date 12.2017

DESCRIPTION

FT PI NS is a hydro-alcoholic solution of softeners.

PHYSICAL CONSTANTS

		Standard Value
Appearance	:	Colourless liquid

PROPERTIES

FT PI NS is a special product, suitable for reviving nubuck and suede, enhancing shine and writing power, leaving a natural, silky touch to the leather without any change in color occurring.

USE

FT PI NS is applied alone by spray-guns.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Flammable liquid. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT WAX 520

Rev. Date 12.2017

DESCRIPTION

FT WAX 520 is an aqueous dispersion of waxes and polymers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish liquid	
Dry content (%)	:	14 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT WAX 520 is a ready-to-use product, created for enabling a finishing at high speed on full grain leathers, obtaining a classic, smart appearance with an impressive shine and transparency. Leathers treated with FT WAX 520 are repolishable with exceptional ease and withstand hot operations.

USE

FT WAX 520 is applied by spray-guns twice in two crosses and ironed afterwards at around 95°C. After having been rested overnight, the leathers can be staked or briefly dry milled and ironed again at the same temperature.
FT WAX 520 can be coloured with the addition of 2 - 3 % of aniline and pigments.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Finishing Chemicals

SEALANTS

Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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FT FILLER GUM

Rev. Date 12.2017

DESCRIPTION

FT is an aqueous dispersion of polyurethane and synthetic fillers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	White fluid paste	
Dry content (%)	:	22 %	*± 2*
pH (1:10)	:	9.0	*± 1*

PROPERTIES

FILLER GUM is an easy buffable pre-ground which forms an opaque, rubber like, elastic film, suitable for masking small defects on corrected grain and split leathers, due to its high sealing and leveling power.

USE

Before FILLER GUM is applied to the leather, it requires the addition of 15 - 20% of water in order to regulate its viscosity which can be varied according to the degree required.

FILLER GUM enhances quality of the leather but an excess quantity of the product might diminish flex resistance, therefore a preliminary test is always highly advisable before its usage.

FILLER GUM is applied by roller-coater at a viscosity of 20" FC 6 in a quantity of 6 - 8g/ft² and, after having been dried, the treated leather is plated at 80°C - 100ATM and then usually buffed with a 240 paper.

For bigger defects on the leather, the use of FILLER 20 or FILLER 1520 is recommended.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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FT STUCCO NS

Rev. Date 12.2017

DESCRIPTION

FT STUCCO NS is an aqueous dispersion of polyurethanes, polyacrylates and fillers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish viscous liquid	
Dry content (%)	:	20 %	*± 2*
pH (1:10)	:	8.5	*± 1*

PROPERTIES

FT STUCCO NS is a very soft, non-buffable, sealing pre-ground, suitable for all types of articles such as footwear, upholstery and leather goods. Ideal when softness, good print retention and dry milling resistance are required.

FT STUCCO NS does not cause any adhesion problems with the subsequent finishing layers.

USE

FT STUCCO NS can be applied both to full or corrected grain by spatula or by roller-coater, using the specially designed cylinder 21SS after the addition of some pigments in quantities of up to 5 %.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT STUCCO KX

Rev. Date 12.2017

DESCRIPTION

FT STUCCO KX is an aqueous dispersion of polyurethanes, polyacrylates and fillers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish viscous liquid	
Dry content (%)	:	22 %	*± 2*
pH (1:10)	:	8.5	*± 1*

PROPERTIES

FT STUCCO KX is a very soft pre-ground, useful for masking the defects present on the surface without causing any hardness to the leather yet maintaining its softness and elasticity. Furthermore, the subsequent hot ironing operations produce a visible upgrading of the leather selection as a result, without causing any adhesion problems in the completion of the finishing.

USE

FT STUCCO KX is applied by roller-coater with the addition of some pigments in a quantity of up to 5 %.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

The product is guaranteed for its physical and quality characteristics for at least 24 months from the date of production. It must be kept well-sealed and stored in its original packaging according to the conditions on the technical and safety data sheets.

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Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FILLER 20

Rev. Date 12.2017

DESCRIPTION

FILLER 20 is an aqueous dispersion of polyurethanes and fillers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	White paste	
Dry content (%)	:	31 %	*± 2*
pH (1:10)	:	8.5	*± 1*

PROPERTIES

FILLER 20 is a sealing paste, used on embossed, corrected grain cow and buffalo leathers. It is suitable for masking the most common defects on leather surfaces such as scratches, thorn, brands, etc. It has a very good adhesion properties, print retention, dry milling resistance and any loss of volume is minimized during its fast drying.

USE

FT FILLER 20 is applied by spatula before buffing or between two buffing operations, producing a smooth leather, ready for finishing.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

The product is guaranteed for its physical and quality characteristics for at least 24 months from the date of production. It must be kept well-sealed and stored in its original packaging according to the conditions on the technical and safety data sheets.

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT STUCCO AM

Rev. Date 12.2017

DESCRIPTION

FT STUCCO AM is an aqueous dispersion of synthetic binders and fillers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	White fluid paste	
Dry content (%)	:	31.5 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT STUCCO AM is a sealing paste, used on buffed of full grain leathers, suitable for masking the most common defects on the leather surface such as scratches, brands, thorns, etc.

It has very good adhesion properties, print retention, dry milling resistance and any loss of volume is minimized during its fast drying.

USE

FT STUCCO AM is applied by roller-coater, using a specially designed cylinder.

After its application, the leather is buffed again.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FILLER 1520

Rev. Date 12.2017

DESCRIPTION

FILLER 1520 is an aqueous dispersion of binders and fillers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	White paste	
Dry content (%)	:	31 %	*± 2*
pH (1:10)	:	8.5	*± 1*

PROPERTIES

FILLER 1520 is a sealing paste used on embossed, corrected grain cow and buffalo leathers. It is suitable for masking the most common defects on leather surfaces such as scratches, brands, thorn etc.

FILLER 1520 has very good adhesion properties, print retention, dry milling resistance and any loss of volume is minimized during its fast drying.

USE

FILLER 1520 is applied by spatula before buffing or between the two buffing operations, producing a smooth leather, ready for finishing.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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FILLER MP

Rev. Date 12.2017

DESCRIPTION

FILLER MP is an aqueous dispersion of synthetic and natural binders.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish fluid paste	
Dry content (%)	:	17 %	*± 2*
pH (1:10)	:	8.5	*± 1*

PROPERTIES

FILLER MP is a polishable, sealing pre-ground which is considered to be the perfect upgrader for full grain leathers, suitable for all types of articles such as footwear, leather goods and upholstery. Applied before the main finishing, it smoothens the leather surface, masks small defects without affecting the adhesion of the following layers.

USE

FILLER MP is applied both by spray-guns or roller-coater. It is colored with pigments in a ratio of 10 to 1 and diluted with water and a penetrator, in order to obtain the right operational viscosity. The leathers treated with FILLER MP are left to dry for at least 10-12 hours and felt polished afterwards.

The mixture FILLER MP/water tends to thicken on the surface if left unutilized for several hours. In such cases, a vigorous stirring is sufficient to return the mixture to the applicable condition.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT STUCCO 6400

Rev. Date 12.2017

DESCRIPTION

FT STUCCO 6400 is an aqueous dispersion of polyurethanes, waxes and oils.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish viscous liquid	
Dry content (%)	:	20 %	*± 2*
pH (1:10)	:	7.0	*± 1*

PROPERTIES

FT STUCCO 6400 is principally used as a polishable sealing pre-ground suitable for upgrading full grain leathers for upholstery, shoe uppers and leather goods to which it confers a warm, waxy touch from this first phase of the finishing process.

FT STUCCO 6400 regularizes surface absorption and masks any small defects present on the leather without causing any adhesion problems.

USE

FT STUCCO 6400 can be applied by pad, spatula or roller-coater, either alone or slightly diluted with water and the addition of some pigments if needed.

FT STUCCO 6400 is usually compatible with either anionic or cationic systems but in the latter case, a prior test should be performed.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

The product is guaranteed for its physical and quality characteristics for at least 24 months from the date of production. It must be kept well-sealed and stored in its original packaging according to the conditions on the technical and safety data sheets.

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT STUCCO 8095 W

Rev. Date 12.2017

DESCRIPTION

FT STUCCO 8095 W is an aqueous dispersion of synthetic binders and cationic fillers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish fluid paste	
Dry content (%)	:	22 %	*± 2*
pH (1:10)	:	7.0	*± 1*

PROPERTIES

FT STUCCO 8095 W is a very special upgrading pre-ground which can be used to successfully treat leathers with surface damage, significantly enhancing the evenness of the grain.

USE

FT STUCCO 8095 W is applied by spatula to the whole full and corrected grain leather surface. The cost of this operation is mainly compensated by the efficiency with which the coating is applied that is effectively much easier and faster.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT STUCCO PK

Rev. Date 12.2017

DESCRIPTION

FT STUCCO PK is an aqueous dispersion of polymers, waxes and fillers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish paste	
Dry content (%)	:	25 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT STUCCO PK is a stucco suitable for all types of leather and used to upgrade their quality by obtaining a uniformly sealed surface.

USE

FT STUCCO PK is applied by spatula in its original form by roller-coater slightly diluted in water, or, by spray-gun systems diluted up to 1:3 in water.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT STUCCO 6450

Rev. Date 12.2017

DESCRIPTION

FT STUCCO 6450 is an aqueous dispersion of binders and soft fillers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	White fluid paste	
Dry content (%)	:	23 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT STUCCO 6450 is a soft, non-ionic, sealing pre-ground, purposely designed for masking the small, superficial defects on full grain bovine leathers, in order to obtain a noticeable upgrade in quality, maintaining a natural look and a waxy, sheepskin-like hand.

USE

After having been diluted with some water and with the addition of about 5 % of pigments, FT STUCCO 6450 can be applied by spray-guns, spatula or pad.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FILLER 17

Rev. Date 12.2017

DESCRIPTION

FILLER 17 is a water dispersion of binders and soft fillers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish paste	
Active substance (%)	:	20	*± 2*
pH (1:10)	:	8.5	*± 1*
Density (g/cm³)	:	0.95	*± 0.05*

PROPERTIES

FILLER 17 is a soft sealing pre-bottom, with a non-ionic character, that has been formulated for upgrading pre-bottoms on full grain bovine leather with small superficial defects.

Its special feature is good sealing and masking power, together with the capacity of conferring to the leather a natural look and a waxy sheepskin feel.

FILLER 17 is mainly addressed to the production of soft and natural nappas, nevertheless with a uniform aspect and a deep colour shade.

USE

It can be applied by spatula, by pad or spray, after dilution with water and addition of 4 – 6 % of pigments, if desired.

After drying, polishing will boost sealing effect and shine, keeping the leather soft and natural.

PACKAGING

50 kg plastic drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT CAT R70

Rev. Date 12.2017

DESCRIPTION

FT CAT R70 is a cationic water emulsion of waxes and oils.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish fluid	
Active substance (%)	:	12.5 %	*± 2*
pH (1:10)	:	6.0	*± 1*
Density (g/cm³)	:	0.98	*± 0.05*

PROPERTIES

FT CAT R70 is a soft cationic pre-bottom for full grain shoe uppers leather.

After polishing FT CAT R70 develops a smooth and uniform surface, warm feel and natural softness. After plating it confers an elegant gloss.

FT CAT R70 acts as an absorption equalizing agent as well, and it helps to prevent grain overloading in the following finishing steps.

USE

It is generally applied by spray, coloured with cationic dyes or pigments, alone or in combination with other auxiliaries.

PACKAGING

120 kg plastic drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT GROUND 400

Rev. Date 12.2017

DESCRIPTION

Waxes and oils in cationic water emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish viscous fluid	
Active substance (%)	:	12 %	± 2
pH	:	6.0	+/- 1
Density (g/cm3)	:	0.99 ± 0.05	

PROPERTIES

FT GROUND 400 is a cationic prebottom with an excellent sealing power that helps to mask the superficial defects of leather.

USE

FT GROUND 400 can be applied by spray, coloured with cationic dyes or pigments, alone or in combination with other auxiliaries.
After polishing, leather becomes uniformily sealed and it gains waxy feel and natural softness.
Beside this, FT GROUND 400 acts as an absorption equalizing agent and confers an elegant gloss.

PACKAGING

120 kg plastic drum .

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Finishing Chemicals

CATIONIC SPECIALTIES

Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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CATIONIC SPECIALTIES

FT UR KA 206

Rev. Date 12.2017

DESCRIPTION

FT UR KA 206 is an aqueous dispersion of soft cationic polyurethanes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Opalescent whitish fluid	
Dry content (%)	:	20 %	*± 2*
pH (1:10)	:	5.0	*± 1*

PROPERTIES

FT UR KA 206 is a formaldehyde-free, medium-soft, highly elastic film-forming cationic binder, suitable for full grain leathers, mostly utilized in ironable and polishable basecoats only if mixed with cationic products. FT UR KA 206 seals the leather surface without loading the grain.

USE

FT UR KA 206 is applied by the normal spray-gun systems.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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CATIONIC SPECIALTIES

FT CAT 88

Rev. Date 12.2017

DESCRIPTION

FT CAT 88 cationic aqueous dispersion of polyurethanes and fillers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	18 %	± 2
pH (1:10)	:	4.0	± 1

PROPERTIES

FT CAT 88 is a cationic pre-ground that, due to its covering power, upgrades the quality hide selection as a result, leaving the leather with a soft, natural surface.

USE

FT CAT 88 can be applied by both spray-guns or roller-coater, mixed with 10 - 15% of pigments and diluted with 30 % of water. After having been properly dried, the treated leathers are hair cell embossed at about 120 C° and then polished.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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CATIONIC SPECIALTIES

FT GROUND K

Rev. Date 12.2017

DESCRIPTION

FT GROUND K is an aqueous emulsion of waxes and oils.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	16 %	*± 2*
pH (1:10)	:	5.5	*± 1*

PROPERTIES

FT GROUND K is a soft, glassy, colourless, cationic auxiliary, suitable for reducing surface absorption without compromising the fine, soft break of the leather.

USE

FT GROUND K can be used alone, diluted with water, as a cationic pre-ground or mixed with other cationic polymers such as FT UR 538.

PACKAGING

110 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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CATIONIC SPECIALTIES

FT OIL 159

Rev. Date 12.2017

DESCRIPTION

FT OIL 159 is a non-ionic, self-emulsifying synthetic oil.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish liquid	
Dry content (%)	:	98 %	*± 2*
pH (1:10)	:	7.0	*± 1*

PROPERTIES

FT OIL 159 is the ideal choice for both polishable cationic and anionic basecoats when a uniform, softer and definitely more natural leather is desired.

USE

FT OIL 159 is easily emulsifyable in water and behaves well whn applied to vegetable leathers by roller-coater. Leathers treated with FT OIL 159 are not subjected to swelling and preserve their brightness even when stretched.

PACKAGING

30 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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T. +39 0571366788
P.Iva 01450040504

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CATIONIC SPECIALTIES

FT CAT 400

Rev. Date 12.2017

DESCRIPTION

FT CAT 400 is an aqueous dispersion of waxes and oils.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish fluid	
Dry content (%)	:	21 %	*± 2*
pH (1:10)	:	6.5	*± 1*

PROPERTIES

FT CAT 400 is a softy, waxy, polishable pre-ground, suitable for both full grain or slightly buffed leathers for shoe upper articles.

FT CAT 400 uniforms absorption, maintaining the natural break without causing any overloading to the grain and, when employed in ironed finishes, behaves as an effective plate releaser, leaving a pleasant, waxy hand.

USE

FT CAT 400 is normally applied by spray-guns and generally compatible with anionic systems but due to its slightly cationic nature, a preliminary test should always be performed.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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CATIONIC SPECIALTIES

FT CAT PLUS

Rev. Date 12.2017

DESCRIPTION

FT CAT PLUS is an aqueous dispersion of cationic waxes, oils and binders.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish fluid	
Dry content (%)	:	18 %	*± 2*
pH (1:10)	:	4.0	*± 1*

PROPERTIES

FT CAT PLUS is a soft, cationic basecoat, suitable for garments and shoe upper leathers, which can also be utilized as a pre-ground for both buffed and full grain leathers.

After having been plated, FT CAT PLUS produces a sealed, uniform leather with an elegant shine and a pleasant, waxy hand.

USE

FT CAT PLUS is applied by spray-guns systems, diluted with water and the addition of some cationic pigments or cationic dyestuffs.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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CATIONIC SPECIALTIES

FT 40 K

Rev. Date 12.2017

DESCRIPTION

FT 40 K in an aqueous solution of natural modified polymers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish fluid	
Dry content (%)	:	6 %	*± 2*
pH (1:10)	:	3.5	*± 1*

PROPERTIES

FT 40 K is a non-thermoplastic cationic binder, which is usually mixed with FT GROUND K and FT UR 538, in order to obtain a polishable basecoat with outstanding filling power.

USE

Leathers treated with pigmented coats containing FT 40 K, improve adhesion and fixability obtaining a very pleasant, natural touch as a result.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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T. +39 0571366788
P.Iva 01450040504

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CATIONIC SPECIALTIES

FT CAT A

Rev. Date 12.2017

DESCRIPTION

FT CAT A is an aqueous dispersion of natural oils and waxes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish fluid	
Dry content (%)	:	26 %	*± 2*
pH (1:10)	:	7.0	*± 1*

PROPERTIES

FT CAT A is a soft, polishable pre-ground, suitable for reducing and levelling absorption which results in maintaining a fine, soft break and a warm, waxy hand.

USE

FT CAT A can be used as a sole product, diluted with water or combined with other cationic binders such as FT UR KA 206.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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P.Iva 01450040504

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CATIONIC SPECIALTIES

FT WAX SOFT

Rev. Date 12.2017

DESCRIPTION

FT WAX SOFT is a cationic aqueous emulsion of a soft, synthetic wax.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Beige fluid	
Dry content (%)	:	11 %	*± 2*
pH (1:10)	:	4.0	*± 1*

PROPERTIES

WAX SOFT is a waxy auxiliary, characterized by its particular softness.

USE

WAX SOFT can be used alone as a touch modifier or as a plate releaser in cationic mixtures when added to polishable basecoats, it significantly contributes to conferring softness, easing the workability of the finishing.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Finishing Chemicals
FIXATIVES

Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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FT UR 502 IR

Rev. Date 12.2017

DESCRIPTION

FT UR 502 IR is an aqueous dispersion of a hard aliphatic polyurethane.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish viscous liquid	
Dry content (%)	:	35 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT UR 502 IR is a distinctive NMP or NEP free, aliphatic polyurethane which forms a glossy, dry, hard and tenacious film that performs exceptionally well in terms of hydrolytic stability, as well as having wet and chemical resistance.

USE

FT UR 502 IR, due to its outstanding characteristics, FT UR 502 IR is mostly utilized for the preparation of topcoats and applied accordingly with the appropriate systems.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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P.Iva 01450040504

FT UR 549

Rev. Date 12.2017

DESCRIPTION

FT UR 549 is an aqueous dispersion of a bright polyurethane.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Milky fluid	
Dry content (%)	:	20 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT UR 549 is a bright, medium-hard film-forming polyurethane, suitable for use as a topcoat for leather goods and upholstery articles.

FT UR 549 imparts a pleasant, slightly rubber-like touch than can be modified with the addition of some TOUCH FT hand modifiers in our series.

USE

FT UR 549 is applied by spray-guns, in an amount of 3.4 g/ft², after the addition of some polyaziridines in order to enhance its already good wet rub resistance.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT UR 304

Rev. Date 12.2017

DESCRIPTION

FT UR 304 is an aqueous dispersion of aliphatic polyurethanes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish fluid	
Dry content (%)	:	18 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT UR 304 is a water-based topcoat which forms a bright, tenacious film characterized by high scratch resistance. Furthermore, due to the slightly slippery feature of its film, wet/dry rub fastness and abrasion resistance are significantly enhanced.

USE

FT UR 304 is applied by spray-guns after having been added with 2% of polyaziridine or 3% of polyisocyanate crosslinkers.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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FT UR 61

Rev. Date 12.2017

DESCRIPTION

Aliphatic polyurethanes and dulling agents in water dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	whitish fluid	
Active substance (%)	:	16 %	± 2
pH	:	8.5	+/- 1
Density (g/cm3)	:	1.00 ± 0.05	

PROPERTIES

FT UR 61 is a water-borne topcoat for upholstery leather with a high, non re-polishable grade of opacity and waxy, smooth hand.

USE

FT UR 61 allows to reach outstanding finishing results with high wet-rubs, particularly when a crosslinker is added before use.

FT UR 61 is applied by spray , in quantity of 30 /40 g/sq.m.

PACKAGING

30 kg plastic drum .

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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P.Iva 01450040504

FT UR 62 A

Rev. Date 12.2017

DESCRIPTION

FT UR 62 A is an aqueous dispersion of aliphatic polyurethanes and dullers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish viscous fluid	
Dry content (%)	:	20 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT UR 62 A is an opaque, NMP/NEP free, highly performing water-based topcoat, suitable for car upholstery leathers.

It forms a strong, very opaque, medium-hard, flexible and hydrolysis resistant film that performs exceptionally well in terms of rub fastness and flex resistance even at low temperatures.

FT UR 62 A confers a smooth, dry touch and a uniform grade of opacity to the top-coated leathers.

USE

FT UR 62 is applied by sprayguns after having been added with some polyisocyanate crosslinker and FT HF hand modifier in our series.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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FT UR 6012

Rev. Date 12.2017

DESCRIPTION

FT UR 6012 is an aqueous dispersion of an aliphatic polyurethane.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish opalescent liquid	
Dry content (%)	:	22 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT UR 6012 is a bright, high-performing, water-based topcoat suitable for upholstery and car upholstery leathers.

It forms a bright, tenacious film that maintains very good flexibility even at low temperatures despite its great superficial hardness.

FT UR 6012 imparts a silky, slippery hand to the leather and exhibits excellent wet/dry rub fastness, abrasion resistance and strong mechanical properties when opportunely crosslinked.

USE

FT UR 6012 is normally used combined with opaque topcoats in the FT UR series, crosslinked with polyaziridine or polyisocyanates.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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P.Iva 01450040504

FT UR 301

Rev. Date 12.2017

DESCRIPTION

FT UR 301 is an aqueous dispersion of a bright polyurethane.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish liquid	
Dry content (%)	:	30 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT UR 301 is a bright, water-based topcoat mainly suitable for upholstery articles due to its excellent embossability, good cold crack and wet/dry flex resistance.

When mixed with the appropriate protein binders, it can also be successfully employed for the finishing of shoe uppers and leather goods.

USE

FT UR 301 can be used alone or together with other FT UR topcoats, applied by spray-guns or roller-coater.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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P.Iva 01450040504

FT UR 302 MATT

Rev. Date 12.2017

DESCRIPTION

FT UR 302 MATT is an opaque, modified polyurethane in aqueous dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	30 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT UR 302 MATT is a dull, medium-hard, elastic but tough film-forming polyurethane with a dry touch which can be used either alone, or combined with the glossy corresponding FT UR 301, to replace solvent lacquer topcoats due to its outstanding features such as Taber abrasion resistance, excellent wet/dry flex endurance, high UV and water resistance.

USE

FT UR 302 MATT can be applied by spray-guns or roller-coater with or without any crosslinker.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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P.Iva 01450040504

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FT UR 309

Rev. Date 12.2017

DESCRIPTION

FT UR 309 is an aqueous dispersion of polyurethane and dullers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish milky fluid	
Dry content (%)	:	19 %	*± 2*
pH (1:10)	:	8.5	*± 1*

PROPERTIES

FT UR 309 is a water-based topcoat distinguished by its high spreadability and strong opacity. It forms a medium-hard but quite flexible film having outstanding printability, mechanical resistance and high wet/dry rub fastness.

USE

FT UR 309 can be used as the sole topcoat, or combined with other FT UR topcoats, to reduce its grade of opacity and modify its touch.

FT UR 309 is crosslinked with its most suitable crosslinker.

PACKAGING

30 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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P.Iva 01450040504

BRILLACK FT 15

Rev. Date 12.2017

DESCRIPTION

BRILLACK FT 15 is an aqueous dispersion of aliphatic polyurethanes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish opalescent fluid	
Dry content (%)	:	35 %	*± 2*
pH (1:10)	:	8.5	*± 1*

PROPERTIES

BRILLACK FT 15 is a waterborne lacquer distinguished by an extraordinary brilliance and transparency suitable for leather goods and shoe upper articles.

BRILLACK FT 15 forms a bright, see-through, medium-hard, with good coverage and excellent mechanical resistance.

For the production of black leathers, it can be colored with 1 % - 2 % of AQUALUX VE BLACK, the ideal black dyestuff which enhances its transparency and depth of color.

USE

BRILLACK FT 15 is applied by roller-coater in several coats after the addition of 1 % - 2 % of a polyaziridine crosslinker if required.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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BRILLACK FT 2

Rev. Date 12.2017

DESCRIPTION

BRILLACK FT 2 is an aliphatic polyurethane in aqueous dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish viscous liquid	
Dry content (%)	:	26 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

BRILLACK FT2 is a bright, medium-hard film-forming, waterborne patent which can be utilized either as an intermediary fixative for brush-off productions, due to its excellent brush resistance, or as a final waterborne lacquer for shiny "wet look" articles. When employed as an intermediate for brush-off, any hardness can be reduced by the addition of some FT UR 549.

USE

The addition of 1 % - 2 % of a polyaziridine or 2 % - 3 % of our polyisocyanate FT KT 201 is recommended to enhance general resistance and wet rub fastness before proceeding with its application.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
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P.Iva 01450040504

FT UR 6093

Rev. Date 12.2017

DESCRIPTION

FT UR 6093 is an aqueous dispersion of aliphatic polyurethanes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish fluid	
Dry content (%)	:	14 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT UR 6093 is a water-based topcoat with a dry, slippery touch which forms a bright, medium-hard, scratch resistant film with very good rub fastness.

It is suitable for shoe uppers, leather goods and upholstery articles.

USE

FT UR 6093 is applied by spray-guns after the addition of polyaziridine or polyisocyanate crosslinkers.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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P.Iva 01450040504

FT UR 301

Rev. Date 12.2017

DESCRIPTION

FT UR 301 is an aqueous dispersion of a bright polyurethane.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish liquid	
Dry content (%)	:	30 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT UR 301 is a bright, water-based topcoat mainly suitable for upholstery articles due to its excellent embossability, good cold crack and wet/dry flex resistance.

When mixed with the appropriate protein binders, it can also be successfully employed for the finishing of shoe uppers and leather goods.

USE

FT UR 301 can be used alone or together with other FT UR topcoats, applied by spray-guns or roller-coater.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT FIX 88

Rev. Date 12.2017

DESCRIPTION

FT FIX 88 is an aqueous dispersion of aliphatic polyurethanes and dullers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish liquid	
Dry content (%)	:	19 %	*± 2*
pH (1:10)	:	9.0	*± 1*

PROPERTIES

FT FIX 88 is a repolishable, opaque topcoat suitable for embossed upholstery and full grain leathers. It is characterized by an ability to create an attractive effect, due to the contrast between the opacity of the leather and the remarkable sheen on the grain tips which occurs because of the friction created during the dry milling phase.

Therefore, the leather topcoated and dry-milled with FT FIX 88, show a smarter, attractive look and a pleasant, waxy hand with excellent wet/dry rub fastness.

USE

FT FIX 88 is applied after the addition of 4% of CT 80 to embossed or full grain leather by spray-guns in a quantity of 2.5 – 3 g/ft².

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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P.Iva 01450040504

BRILLACK FT20

Rev. Date 12.2017

DESCRIPTION

BRILLACK FT 20 is an aqueous dispersion of aliphatic polyurethanes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish opalescent fluid	
Dry content (%)	:	35 %	*± 2*
pH (1:10)	:	8.5	*± 1*
Density (g/cm³)	:	1.01	*± 0.05*

PROPERTIES

BRILLACK FT 20 is a waterborne lacquer distinguished by an extraordinary brilliance and transparency suitable for leather goods and shoe upper articles.

BRILLACK FT 20 forms a bright, see-through, medium-hard, with good coverage and excellent mechanical resistance.

For the production of black leathers, it can be coloured with 1 - 2 % of AQUALUX VE BLACK, the ideal black dyestuff which enhances its transparency and depth of colour.

USE

BRILLACK FT 20 is applied by roller-coater in several coats after the addition of 1 - 2 % of a polyaziridine crosslinker if required.

BRILLACK FT 20 does not contain NEP.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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FENCOLOR
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Finishing Chemicals
TOUCH MODIFIERS

Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

TOUCH FT 104

Rev. Date 12.2017

DESCRIPTION

TOUCH FT 104 is a polysiloxane in solvent solution.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Colorless liquid	
Dry content (%)	:	12 %	*± 2*
Flashpoint (°C)	:	14	*± 1*

PROPERTIES

TOUCH FT 104 is a hand modifier characterized by a durable feel due to its self-crosslinking, polymeric nature. It is suitable for solvent lacquers, to improve general resistance of tops, particularly in the case of scuffing and adhesives.

USE

TOUCH FT 104 is applied by spray-guns, added in a quantity of 2-3% to lacquers in order to prevent stickiness, improving touch and workability whereas, when sprayed alone, it is diluted 1:10 with aromatic solvents, esters and ketones.

PACKAGING

10 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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P.Iva 01450040504

TOUCH FT 184

Rev. Date 12.2017

DESCRIPTION

TOUCH FT 184 is a water solution of a modified polysiloxane.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish liquid	
Dry content (%)	:	28 %	*± 2*
pH (1:10)	:	7.0	*± 1*

PROPERTIES

TOUCH FT 184 is a touch modifier which confers a fashionable, slightly waxy hand to the leather.

USE

As a touch modifier, it can be used alone, sprayed once diluted 1:10 with water or added to water-based topcoats or water reducible lacquer emulsions in a quantity of 2 - 4 %.

PACKAGING

10 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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P.Iva 01450040504

TOUCH FT 101

Rev. Date 12.2017

DESCRIPTION

TOUCH FT 101 is a water solution of a modified polysiloxane.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish fluid	
Dry content (%)	:	35 %	*± 2*
pH (1:10)	:	7.0	*± 1*

PROPERTIES

TOUCH FT101 is a unique product in our touch modifier range, since it enables a very natural, slightly oily, wet hand to be obtained and, at the same time, outstanding light fastness and quite good heat resistance.

USE

TOUCH FT101 is applied diluted with water by sprayguns or added to FT UR topcoats in our range.

PACKAGING

10 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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TOUCH FT 113

Rev. Date 12.2017

DESCRIPTION

TOUCH FT 113 is a water emulsion of modified cationic waxes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	10 %	*± 2*
Flashpoint (°C)	:	> 60	*± 1*

PROPERTIES

TOUCH FT 113 is both a polishable pre-ground and a hand modifier, also suitable for use as an ironable pre-ground combined with FT UR 538.

USE

When used as a final hand modifier diluted 1:3 with water, TOUCH FT 113 is applied by spray-guns to obtain a smooth, waxy hand.

PACKAGING

10 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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P.Iva 01450040504

TOUCH FT 106

Rev. Date 12.2017

DESCRIPTION

TOUCH FT 106 is a water emulsion of polyacrylate and natural oils.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	10 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

TOUCH FT 106 is a water-based, semi-glossy touch modifier suitable for upholstery articles with a slightly soggy, non-greasy, draggy hand.

USE

TOUCH FT 106 is applied by spray-gun systems.

PACKAGING

10 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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T. +39 0571366788
P.Iva 01450040504

TOUCH FT 003

Rev. Date 12.2017

DESCRIPTION

TOUCH FT 003 is a blend of fatty substances and waxes in organic solution.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Colorless clear fluid	
Dry content (%)	:	10 %	*± 2*
Flashpoint (°C)	:	32	*± 1*

PROPERTIES

TOUCH FT 003 is a water/solvent hand modifier suitable for use in either water or solvent systems which create a durable, oily-waxy, soft touch.

USE

TOUCH FT 003 is added to the solvent or water lacquer emulsions in a quantity of 2 - 5 %.

PACKAGING

10 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
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P.Iva 01450040504

TOUCH FT HF

Rev. Date 12.2017

DESCRIPTION

TOUCH FT HF is a modified polysiloxane in organic solution.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish opalescent viscous fluid	
Dry content (%)	:	60 %	*± 2*
Flashpoint (°C)	:	> 65	*± 1*

PROPERTIES

TOUCH FT HF is a touch modifier utilizable either in water or solvent systems, particularly suitable for upholstery and car upholstery articles.

TOUCH FT HF is characterized by its high heat and light resistance and for its ability to visibly enhance wet/rub fastness and Taber resistance in particular.

USE

TOUCH FT HF is added to topcoats in a variable quantity of 1-5% and applied by spray-gun systems.

PACKAGING

10 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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P.Iva 01450040504

TOUCH FT 114

Rev. Date 12.2017

DESCRIPTION

TOUCH FT 114 is a modified polysiloxane polymer in water emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	White viscous fluid	
Dry content (%)	:	8 %	*± 2*
Flashpoint (°C)	:	> 46	*± 1*
Density (g/cm³)	:	0.88	*± 0.05*

PROPERTIES

TOUCH FT 114 is a long-lasting touch modifier which imparts a natural, slippery wet hand to the leathers. It can be utilized both in basecoats for improving hot iron and pile-up operations or, to enhance wet/rub fastness and scratch resistance in topcoats.

USE

TOUCH FT 114 can be added to basecoats or water based nitroemulsions in a quantity of 5 - 10 g/l, whereas when utilized as a touch modifier, it is sprayed diluted 1:10 in water.

It can also be used in a quantity of 2 - 3 g/l in glazable topcoats to enhance smoothness.

PACKAGING

10 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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TOUCH FT 130

Rev. Date 12.2017

DESCRIPTION

TOUCH FT 130 is a water emulsion of modified synthetic copolymer.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish fluid	
Dry content (%)	:	13 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

TOUCH FT 130 is a touch modifier suitable for use on natural or finished hides to obtain a highly, greasy, draggy hand.

Its polymeric nature guarantees a long-lasting effect, preventing any unwanted consequences such as discoloring or excessive plasticization with a significant loss of dry rub fastness as a result.

USE

TOUCH FT 130 can be added to resin mixtures or sprayed alone, diluted from 1:5 to 1:10 with water to avoid producing an excessively sticky surface.

PACKAGING

10 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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P.Iva 01450040504

TOUCH FT 131

Rev. Date 12.2017

DESCRIPTION

TOUCH FT 131 is a synthetic polymer in water emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish fluid	
Dry content (%)	:	20 %	*± 2*
pH (1:10)	:	8.5	*± 1*

PROPERTIES

TOUCH FT 131 is a variant of TOUCH FT 130 but characterized by a stronger, oily feel which is required for certain articles.

TOUCH FT 131 is light resistant therefore suitable for white leathers. Its pronounced oily touch facilitates cleaning and workability of the leather itself despite its tendency to get dirty more easily.

USE

TOUCH FT 131 is applied by spray-guns diluted in generous amounts of water.

PACKAGING

10 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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T. +39 0571366788
P.Iva 01450040504

TOUCH FT 111

Rev. Date 12.2017

DESCRIPTION

TOUCH FT 111 is a water emulsion of synthetic cationic softeners.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish milky fluid	
Dry content (%)	:	12 %	*± 2*
pH (1:10)	:	6.5	*± 1*

PROPERTIES

TOUCH FT111 is a touch modifier which imparts a natural, talcum-like feel to leathers and can also be utilized in polishable cationic basecoats with FT ground K.

USE

TOUCH FT111 is applied by spray-guns, either diluted with water from 1:3 to 1:5 or added to water lacquer emulsions.

PACKAGING

10 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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TOUCH FT 170

Rev. Date 12.2017

DESCRIPTION

TOUCH FT 170 is a polysiloxane in water emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish fluid	
Dry content (%)	:	30 %	*± 2*
pH (1:10)	:	7.0	*± 1*

PROPERTIES

TOUCH FT 170 is a touch modifier which imparts a silky, slightly waxy feels. Due to its non-ionic nature, it can also be used in cationic systems always after a preliminary test of compatibility has been performed.

USE

TOUCH FT 170 can be used either diluted 1:10 with water or added to aqueous topcoats or lacquer emulsions in a ratio of 1-3 % to enhance touch and wet rub fastness.

PACKAGING

10 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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TOUCH FT 188

Rev. Date 12.2017

DESCRIPTION

TOUCH FT 188 is a water emulsion of oils and softeners.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish fluid	
Dry content (%)	:	20 %	*± 2*
pH (1:10)	:	4.0	*± 1*

PROPERTIES

TOUCH FT 188 is a touch modifier which imparts a greasy, waxy and slightly draggy hand.

USE

TOUCH FT 188 is applied either by spray-guns or directly in the drum during the dry milling phase, diluted with water accordingly with the desired result.

PACKAGING

10 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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TOUCH FT 112

Rev. Date 12.2017

DESCRIPTION

TOUCH FT 112 is a water emulsion of non-yellowing cationic waxes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish emulsion	
Dry content (%)	:	20 %	*± 2*
pH (1:10)	:	7.0	*± 1*

PROPERTIES

TOUCH FT112 is a non-yellowing touch modifier for high quality sheepskin, nappa, and calf skin. Its valuable, non-yellowing and antistatic properties ensure that white shades and easy to keep clean leathers can be obtained.

TOUCH FT112 imparts a smooth, durable, waxy feel without altering brightness.

USE

TOUCH FT112 is applied as a final coat by spray-guns after having been diluted with water. It is also soluble in different types of solvents, so that it can be employed as a softener in a lot of solvent lacquers but always after a preliminary test of compatibility.

PACKAGING

10 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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P.Iva 01450040504

TOUCH FT 182

Rev. Date 12.2017

DESCRIPTION

TOUCH FT 182 is a modified polysiloxane in water dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish fluid	
Dry content (%)	:	50 %	*± 2*
pH (1:10)	:	7.5	*± 1*

PROPERTIES

TOUCH FT182 is a touch modifier which imparts a silky, slightly wet hand.

USE

TOUCH FT182 is applied by spray-guns after having been added to the fixing products in a quantity that should not exceed 1 - 2% due to its high concentration.

PACKAGING

10 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

TOUCH FT 108

Rev. Date 12.2017

DESCRIPTION

TOUCH FT 108 is an hydroalcoholic solution of synthetic softeners.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Clear yellowish fluid	
Dry content (%)	:	24 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

TOUCH FT 108 is a touch modifier with considerable releasing power which imparts a waxy, slightly wet hand to leathers.

USE

TOUCH FT 108 is used as a touch modifier added to water-based systems in variable quantities up to a maximum of 50 g/l which it should not exceed, since this might result in a decrease in finishing water resistance.

PACKAGING

10 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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T. +39 0571366788
P.Iva 01450040504

TOUCH FT 110

Rev. Date 12.2017

DESCRIPTION

TOUCH FT 110 is a polysiloxane in water emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Colorless opalescent fluid	
Dry content (%)	:	14 %	*± 2*
pH (1:10)	:	7.0	*± 1*

PROPERTIES

TOUCH FT 110 is a slightly cationic touch modifier, generally compatible with anionic systems and suitable for aniline and semi-aniline garments, to which imparts a pleasant, waxy touch.

USE

TOUCH FT 110, is diluted with water and applied by spray-gun systems.

PACKAGING

10 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Finishing Chemicals
NITROEMULSIONS

Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT W BLACK 01

Rev. Date 12.2017

DESCRIPTION

FT W BLACK 01 is a black nitrocellulose emulsion dilutable in water.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Black paste	
Dry content (%)	:	18 %	*± 2*
Flashpoint (°C)	:	> 65	*± 1*

PROPERTIES

FT W BLACK 01 is the unique, intense black shade water emulsion topcoat suitable for black garments that forms a shiny, medium-hard film which exalts the intensity of its black tone, making the leather more attractive.

USE

FT W BLACK 01 is sprayed diluted 1:1 or 2:1 with water in a quantity of about 2 g/ft² to obtain a deeper, black tone with good adhesion and a sought-after touch.

FT W BLACK 01 can also be used with the addition of some suitable long-lasting touch modifiers such as TOUCH FT 114 or Touch FT 101 in our range.

PACKAGING

110 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT EMULSION 01

Rev. Date 12.2017

DESCRIPTION

FT EMULSION 01 is a transparent aqueous nitrocellulose lacquer emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	16 %	*± 2*
Flashpoint (°C)	:	> 65	*± 1*

PROPERTIES

FT EMULSION 01 is a bright, medium-hard film-forming aqueous nitrocellulose emulsion, suitable for being used either as an embossable and dry millable intermediate topcoat or, as a final topcoat. It is characterized by high heat resistance, good wet/dry rub fastness and an outstanding touch.

USE

FT EMULSION 01 is sprayed diluted 1:1 with water and then sprayed in a quantity of about 2 g/ft².

PACKAGING

110 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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FT W FIX

Rev. Date 12.2017

DESCRIPTION

FT W FIX is a glossy aqueous nitrocellulose emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	17 %	*± 2*
Flashpoint (°C)	:	> 65	*± 1*

PROPERTIES

FT W FIX is a glossy nitroemulsion suitable for use as a topcoat for all kinds of leathers, particularly garments.

FT W FIX shows a noticeable power release, confers excellent general resistance and imparts a pleasant, silky touch to the leathers.

USE

FT W FIX is sprayed diluted 1:1 with water in a quantity of about 2 g/ft².

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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T. +39 0571366788
P.Iva 01450040504

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FT W 60

Rev. Date 12.2017

DESCRIPTION

FT W 60 is a dull aqueous nitrocellulose emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	13 %	*± 2*
Flashpoint (°C)	:	36	*± 1*

PROPERTIES

FT W 60 is a nitroemulsion which forms an opaque, medium-hard film with a silky, slippery touch. It is suitable for the intermediate fixation of upholstery leather.

FT W 60 exhibits a good power release, a pleasant grade of opacity and eases hot mechanical operations.

USE

FT W 60 is sprayed diluted 1:1 or 2:1 with water in a quantity of about 2 g/ft².

PACKAGING

30 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT W 170

Rev. Date 12.2017

DESCRIPTION

FT W 170 is a dull aqueous nitrocellulose lacquer emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	16 %	*± 2*
Flashpoint (°C)	:	45	*± 1*

PROPERTIES

FT W 170 is a dull, slightly thermoplastic, medium-hard film-forming intermediate topcoat which can also be used as a final topcoat lacquer with a satin touch or, even as a duller for reducing the brightness of other nitroemulsions.

USE

It is applied diluted 1:1 with water in a quantity of about 2 g/ft².

PACKAGING

30 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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FT W SOFT

Rev. Date 12.2017

DESCRIPTION

FT W SOFT is a clear aqueous nitrocellulose emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	13 %	*± 2*
Flashpoint (°C)	:	48	*± 1*

PROPERTIES

FT W SOFT is the ideal aqueous nitrocellulose emulsion for garment articles due to its glossy, medium-hard film with a satin touch and good physical resistance.

FT W SOFT possesses a remarkable plate release power, therefore it can also be successfully utilized as an intermediate fixative for leathers to be embossed.

USE

FT W SOFT is diluted 1:1 or 2:1 with water and then applied by spray-guns in a quantity of about 2 g/ft² to the basecoats.

PACKAGING

30 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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T. +39 0571366788
P.Iva 01450040504

FT W SOFT MATT

Rev. Date 12.2017

DESCRIPTION

FT W SOFT MATT is a modified nitrocellulose emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	13 %	*± 2*
Flashpoint (°C)	:	25	*± 1*

PROPERTIES

FT W SOFT MATT is an aqueous, opaque, nitrocellulose emulsion particularly suitable for the finishing of garments due to its opaque, medium-hard film which enables good physical resistance to be obtained.

FT W SOFT MATT possesses a remarkable plate release power, therefore it can also be successfully utilized as an intermediate fixative for leathers to be embossed.

USE

FT W SOFT MATT is diluted 1:1 or 2:1 with water and then applied by spray-guns in a quantity of about 2 g/ft².

PACKAGING

30 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT W FIX EC

Rev. Date 12.2017

DESCRIPTION

FT W FIX EC is an aqueous emulsion of nitrocellulose lacquer.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	13 %	± 2
Flashpoint (°C)	:	> 65	

PROPERTIES

FT W FIX EC is a water-dilutable nitroemulsion which forms a glossy, medium-hard film characterized by a pleasant, dry feel.

USE

FT W FIX EC can be used either as an intermediate fixative or as a final polish due to its good rub resistance and dry milling performance.

It is applied by spray-guns, diluted with water in a ratio of 4-6 g/ft².

PACKAGING

30 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT W BLACK 01

Rev. Date 12.2017

DESCRIPTION

FT W BLACK 01 is a black nitrocellulose emulsion dilutable in water.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Black paste	
Dry content (%)	:	18 %	*± 2*
Flashpoint (°C)	:	> 65	*± 1*

PROPERTIES

FT W BLACK 01 is the unique, intense black shade water emulsion topcoat suitable for black garments that forms a shiny, medium-hard film which exalts the intensity of its black tone, making the leather more attractive.

USE

FT W BLACK 01 is sprayed diluted 1:1 or 2:1 with water in a quantity of about 2 g/ft² to obtain a deeper, black tone with good adhesion and a sought-after touch.

FT W BLACK 01 can also be used with the addition of some suitable long-lasting touch modifiers such as TOUCH FT 114 or Touch FT 101 in our range.

PACKAGING

110 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT W WHITE

Rev. Date 12.2017

DESCRIPTION

FT W WHILE is a CAB lacquer in aqueous emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	16 %	*± 2*
Flashpoint (°C)	:	33	*± 1*

PROPERTIES

FT W WHITE is a topcoat in aqueous emulsion which forms a glossy, medium-soft film with high light withstanding properties, good general resistance and a silky touch. Due to its characteristics, FT W WHITE represents the optimal choice for the finishing of high quality white and pastel colours.

USE

FT W WHITE is sprayed diluted 1:1 with water in a quantity of about 2 g/ft².

PACKAGING

30 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT W BLACK MATT

Rev. Date 12.2017

DESCRIPTION

FT W BLACK MATT is a black pigmented nitrocellulose aqueous lacquer emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish emulsion	
Dry content (%)	:	18 %	*± 2*
Flashpoint (°C)	:	38	*± 1*

PROPERTIES

FT W BLACK MATT is a black pigmented, aqueous nitrocellulose topcoat, which forms a black, semi-glossy, medium-hard film characterized by its ability to cover small grain imperfections in contrast with other coloured nitrocelluloses, which tend to accentuate them.

USE

FT W BLACK MATT is sprayed diluted 1:1 with water and then sprayed in a quantity of about 2 g/ft².

PACKAGING

110 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT UR 344

Rev. Date 12.2017

DESCRIPTION

FT UR 344 is an aqueous dispersion of modified aliphatic polyurethanes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish viscous liquid	
Dry content (%)	:	19 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

FT UR 344 is an intermediate topcoat, especially formulated as a replacement for nitrocellulose emulsion used in finishing upholstery and automotive leathers when an intermediate embossing is expected. Its slightly opaque, tenacious, medium-hard film guarantees outstanding hydrolysis resistance and the assured adhesion of all the subsequent layers, enhancing general fastness of the finish as a result. Moreover, it is capable of reducing the thermoplasticity of polymeric basecoats, visibly enhancing the plate releasing action that significantly helps any subsequent embossing and piling-up operations.

USE

FT UR 344 is sprayed on leathers diluted 1:3 with water.

PACKAGING

30 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

TOUCH FT 302

Rev. Date 12.2017

DESCRIPTION

TOUCH FT 302 is a compound of matt nitrocellulose solvent lacquer and fatty materials.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Viscous amber fluid	
Dry content (%)	:	53 %	*± 2*
Flashpoint	:	26	*± 1*

PROPERTIES

TOUCH FT 302 is an opaque, filling, fatty, touch modifier which imparts a greasy hand when applied as a sole product. It is also compatible with nearly all nitrocellulose solvent lacquers, enabling combinations of different feels and glossiness to be obtained.

USE

When used as a proper touch modifier, TOUCH FT 302 is diluted from 1:3 to 1:10 with the usual solvents such as ketones, esters, aromatics and then sprayed in an amount of about 2-3 g/ft².

PACKAGING

30 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT LAC 64

Rev. Date 12.2017

DESCRIPTION

FT LAC 64 is a compound of matt nitrocellulose lacquer in organic solvents.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Viscous amber fluid	
Dry content (%)	:	25 %	*± 2*
Flashpoint	:	24	*± 1*

PROPERTIES

FT LAC 64 is an opaque, non-repolishable, solvent borne topcoat with outstanding general resistance which imparts uniform opacity and a dry, silky touch to the leathers.

USE

Diluted 1:2 with solvents or FT PI 1004, FT LAC 64 is applied in a quantity of about 2-3 g/ft².

PACKAGING

30 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT LAC 68

Rev. Date 12.2017

DESCRIPTION

FT LAC 68 is a modified nitrocellulose solvent lacquer.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Colorless viscous fluid	
Dry content (%)	:	16 %	*± 2*
Flashpoint	:	38	*± 1*

PROPERTIES

FT LAC 68 is a solvent lacquer, free from phthalates which forms a medium-hard, glossy film, characterized by high mechanical brush resistance.

FT LAC 68 is over-sprayable, easily ironable and exhibits excellent general fastness when utilized as an insulating coat for "Florantique" articles.

USE

FT LAC 68 can be utilized for an intermediate fixation or as a topcoat.

In both cases, it is diluted 1:2 with solvents commonly used in tanneries and sprayed in a quantity of about 2-3 g/ft².

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FENLAC 28

Rev. Date 12.2017

DESCRIPTION

FENLAC 28 is a solvent-dilutable nitroemulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Viscous whitish fluid	
Dry content (%)	:	24 %	*± 2*
Flashpoint	:	16	*± 1*

PROPERTIES

FENLAC 28 is a lacquer suitable for garments, which forms a bright, hard film that significantly enhances scratch resistance and wet/dry rub fastness. Due to its hardness, FENLAC 28 can be successfully employed to produce "Cracklè" effects.

USE

After having been diluted 1:2 with solvents or FT PI 1004, FENLAC 28 is applied by spray-guns in the quantity of about 2-3 g/ft².

PACKAGING

30 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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HYDROFEN S 01

Rev. Date 12.2017

DESCRIPTION

HYDROFEN S 01 is an acrylic fluorinated copolymer in butyl acetate.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Colourless liquid	
Dry content (%)	:	4 %	*± 1*
Flashpoint	:	24	*± 1*

PROPERTIES

HYDROFEN S 01 is a valuable auxiliary suitable for imparting impermeability and resistance to oils and soiling.

USE

HYDROFEN S 01 is sprayed after being diluted 1:3 with ketones, isopropyl alcohol or butyl acetate.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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P.Iva 01450040504

FENLAC 11

Rev. Date 12.2017

DESCRIPTION

FENLAC 11 is a soft, glossy aliphatic polyurethane in organic solvent solution.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Colourless clear fluid	
Dry content (%)	:	10 %	*± 2*
Flashpoint	:	25	*± 1*

PROPERTIES

FENLAC 11 is a bright, solvent based fixative, primarily effective as a topcoat for upholstery articles. It exhibits outstanding spreadability and a superior, slippery touch which can be further enhanced by adding some TOUCH FT 104 and crosslinked with FT K 55. FENLAC 11 can be mixed in any ratio with FENLAC 15 MATT to reach the desired degree of opacity but it is not compatible with nitrocellulose lacquers.

Do not store FENLAC 11 at temperatures below 10°C to avoid any opalescence and the formation of a light, thick deposit that may compromise its properties. If that occurs, FENLAC 11 can be restored to its original state, by being warmed up to room temperature (about 20°C).

USE

Here below is an example of a recipe used for corrected grain upholstery:

TOUCH FT 104 _____5 parts

FT PI 56_____250 parts

FENLAC 11_____ 50 parts

FENLAC 15 MATT_____50 parts

FT K 55_____5-10 parts

Apply a total amount of 5-6 g/ft² in two spray coats in the exact order as listed.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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FENLAC 15 MATT

Rev. Date 12.2017

DESCRIPTION

FENLAC 15 MATT is an organic solvent solution of a dull aliphatic polyurethane.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish viscous fluid	
Dry content (%)	:	13 %	*± 2*
Flashpoint	:	25	*± 1*

PROPERTIES

FENLAC 15 MATT is the opaque version of FENLAC 11, to which it can be compounded in any proportion, to reach the desired degree of opacity.

It is not compatible with nitrocellulose lacquers.

Do not store FENLAC 15 MATT at temperatures below 10°C to avoid any opalescence occurring and the formation of a light, thick deposit that may compromise its properties. If that occurs, FENLAC 15 MATT can be restored to its original state by being warmed up to room temperature (about 20°C).

USE

Here below is an example of a recipe used for corrected grain upholstery:

TOUCH FT 104_____5 parts

FT PI 56_____250 parts

FENLAC 11_____50 parts

FENLAC 15 MATT_____50 parts

FT K 55_____5-10 parts

Apply a total amount of 5-6 g/ft² in two spray coats in the exact order as listed.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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P.Iva 01450040504

FT LAC 67 CAB

Rev. Date 12.2017

DESCRIPTION

FT LAC 67 CAB is a CAB lacquer paste.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Clear fluid	
Dry content (%)	:	12 %	*± 2*
Flashpoint (°C)	:	10	
Density (g/cm³)	:	1	*± 0.05*

PROPERTIES

FT LAC 67 CAB in a CAB lacquer paste suitable for topcoats which forms a clear, flexible film with outstanding light fastness.

USE

FT LAC 67 CAB can be used alone or combined with other bright or matt CABs to adjust surface opacity or single component polyurethanes, especially to create aniline effects.

PACKAGING

24 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Flammable liquid. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Finishing Chemicals

OILS AND PULL-UP WAVEX

Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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FT OIL 322

Rev. Date 12.2017

DESCRIPTION

FT OIL 322 is a water self-emulsifyable oil.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Clear yellowish liquid	
Dry content (%)	:	77 %	*± 2*
pH (1:10)	:	8.0	*± 1*
Density (g/cm³)	:	0.94	*± 0.05*

PROPERTIES

FT OIL 322 is a non-film forming, water reducible preparation which can be utilized either as a preground impregnation coat for glazeable leathers or as a touch modifier.

USE

As an impregnating oil for glazeable leathers, FT OIL 322 is normally applied by roller-coater or a curtain coater machine. The leather is left to rest overnight before the subsequent finishing phases are performed. The leathers so treated exhibit a better break, a pleasant touch and an ameliorated repolishing reaction with a darkening effect when glazed.

When used as a touch modifier, it is stably emulsified 1:5 in water and then applied by spray-guns.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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FT WAX S 196

Rev. Date 12.2017

DESCRIPTION

FT WAX S 196 is a compound of waxes and oils in organic solvent.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Amber liquid	
Active substances (%)	:	52 %	
Flashpoint	:	18	*± 1*
Density (g/cm³)	:	0.91	*± 0.05*

PROPERTIES

FT WAX S 196 is a water repellent product which when applied to nubuck leathers creates a pleasant, waxy touch. It is especially formulated for roller-coater machinery.

USE

FT WAX S 196 should be applied in one or two coats, possibly by hot roller-coater machinery in the amount of 8-10 g/ft² and hot plated at the end. The product should not be exposed to a temperature of below 15°C to avoid the thickening or the formation of slightly solid residues. If that occurs, it can be restored to its original state by being warmed up to a temperature of 30-35°C.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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FT OIL 153 HY

Rev. Date 12.2017

DESCRIPTION

FT OIL 153 HY is a blend of natural and synthetic oils.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish fluid	
Active substances (%)	:	95 %	
Density (g/cm³)	:	0.91	*± 0.05*

PROPERTIES

FT OIL 153 HY is a special product, suitable for buffed and full grain bovine sides used in shoe upper articles, which forms a light pull-up effect.

FT OIL 153 HY preserves the water repellency obtained by leather in the drum, imparting a fatty, non-oily, long lasting touch.

USE

FT OIL 153 HY is applied by roller-coater in a quantity of 10-15 g/ft².

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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FT OIL 360

Rev. Date 12.2017

DESCRIPTION

FT OIL 360 is a self-emulsifyable synthetic oil.

PHYSICAL CONSTANTS

		Standard Value
Appearance	:	Clear yellowish oil
Active substances (%)	:	100 %
Density (g/cm³)	:	0.95 *± 0.05*

PROPERTIES

FT OIL 360 is a self-emulsifyable oil suitable for producing a light pull-up effect without leaving any greasy touch that can be polished and finished as needed after its absorption.

USE

FT OIL 360 is applied by roller-coater.

PACKAGING

110 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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FT OIL 154

Rev. Date 12.2017

DESCRIPTION

FT OIL 154 is a blend of modified natural oils and fat.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Clear amber oil	
Active substances (%)	:	100 %	
Density (g/cm³)	:	0.98	*± 0.05*

PROPERTIES

FT OIL 154 is employed to obtain a medium darkening effect on buffed, full grain and nubuck leathers. It leaves the leather with a pleasant, non-oily hand, a noticeable fullness and long-lasting roundness.

USE

FT OIL 154 is applied by roller-coater, alone or mixed with waxes along with the addition of some IPA to facilitate its absorption.

PACKAGING

110 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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FT OIL W 02

Rev. Date 12.2017

DESCRIPTION

FT OIL W 02 is a blend of natural synthetic oils and fat.

PHYSICAL CONSTANTS

		Standard Value
Appearance	:	Brown viscous fluid
Dry content (%)	:	> 95 %
Density (g/cm³)	:	0.98 *± 0.05*

PROPERTIES

FT OIL W 02 is suitable for obtaining deep, darkening and good pull-up effects which leaves the leather with a full, natural, non-oily touch.

USE

FT OIL W02 is applied alone by pad or roller-coater.

It can also be compounded with other pull-up compatible oils and waxes using a heated roller-coater.

If partial solidification at low temperatures occurs, its fluid state can be restored by heating.

PACKAGING

110 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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FT WAX WW

Rev. Date 12.2017

DESCRIPTION

FT WAX WW is a blend of natural wax flakes.

PHYSICAL CONSTANTS

		Standard Value
Appearance	:	Brown flakes
Dry content (%)	:	100 %

PROPERTIES

FT WAX WW is a bright, natural wax suitable for producing fashionable effects.

USE

FT WAX WW must be melted at 82-88°C and is applied by heated roller-coater.

It creates a particularly attractive darkening effect with an extraordinary translucent brightness which can be reached by applying the melted wax onto the leather surface and promptly proceeding with the drying process in a heated tunnel.

The process is then terminated with hot ironing at 130-140°C, that protects the leather with a transparent foil.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
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MINIMUM SHELF-LIFE

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FT WAX S 198

Rev. Date 12.2017

DESCRIPTION

FT WAX S 198 is an organic solvent solution of synthetic waxes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	White paste	
Active substances (%)	:	55 %	
Flashpoint	:	> 65	
Density (g/cm³)	:	0.83	*± 0.05*

PROPERTIES

FT WAX S 198 is a wax suitable for obtaining strong, durable pull-up effects when applied to vegetable or mixed tanned leathers.

USE

FT WAX S 198 is melted at 40-50°C, then applied by pad or roller-coater.

FT WAX S 198 can be diluted with hydrocarbon solvents if needed, however only if suitable equipment is used due to their toxicity.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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FT WAX S 152 HY

Rev. Date 12.2017

DESCRIPTION

FT WAX S 152 HY is a mixture of synthetic oils and waxes.

PHYSICAL CONSTANTS

		Standard Value
Appearance	:	Yellowish paste
Active substances (%)	:	96 %
Density (g/cm³)	:	0.87 *± 0.05*

PROPERTIES

FT WAX S152 HY is a special product, suitable for buffed or full grain shoe upper articles, designed to preserve the hydrophobic grade acquired by the leather during waterproofing in the re-tanning process.

FT WAX S152 HY creates a pull-up effect, imparting a fatty, waxy touch.

Leathers treated with FT WAX S152 HY should be lightly printed or sandblasted to produce an elegant, extremely even, velvety touch.

USE

FT WAX S152 HY is applied by roller-coater in a quantity of about 10-15 g/ft².

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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FT WAX NB

Rev. Date 12.2017

DESCRIPTION

FT WAX NB is a water dispersion of polyurethane, wax and expanding agent.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	yellow liquid	
Active substance (%)	:	34 %	*± 2*
pH (1:10)	:	7.0	*± 1*
Charge	:	Anionic	

PROPERTIES

FT WAX NB is a water dispersion of expanding agent in polyurethane for roller-coater application.

USE

FT WAX NB can be applied undiluted, pigmented and cross linked.

Best results are obtained when 5/7 gr. sqft are applied on a resin coated bottom.

Once dried below 70°C, it has to be drawn at rotopress without pressure at 110 - 130 C° in order to obtain a pleasant nubuck effect.

PACKAGING

120 kg plastic drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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FT WAX 608

Rev. Date 12.2017

DESCRIPTION

FT WAX 608 is a waxy filler in water emulsion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish liquid	
Dry content (%)	:	32	*± 2*
pH (1:10)	:	8.0	*± 2*
Density (g/cm³)	:	0.98	*± 0.05*

PROPERTIES

FT WAX 608 is a waxy filler with high reactivity to felt polishing or plating, once applied on veg-tanned leather it grants a remarkable darkening effect, strongly repolishable.

USE

When FT WAX 608 is used as a waxy additive to the polymeric basecoats it gives better plate release, easier mechanical operations, conferring a nice waxy touch and increased water drop resistance.

The suggested quantities in the pigmented covering mixtures should not exceed 40 g/l to get adequate adhesion of the over-sprayed finishing coats.

PACKAGING

30 kg plastic drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT WAX 587

Rev. Date 12.2017

DESCRIPTION

FT WAX 587 water emulsion of oils and waxes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Viscous liquid	
Active substance (%)	:	8 %	*± 2*
pH (1:10)	:	7.5	*± 1*
Charge	:	Anionic	

PROPERTIES

FT WAX 587 is a particular wax formulated for fashionable articles such as brushed-off and "dilucido".

USE

In order to enhance its features, this wax has to be applied as last step and then rolled or brushed to obtain outstanding results.

PACKAGING

120 kg plastic drum.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

The product is guaranteed for its physical and quality characteristics for at least 24 months from the date of production. It must be kept well-sealed and stored in its original packaging according to the conditions on the technical and safety data sheets.

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Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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FT WAX 785/SF

Rev. Date 12.2017

DESCRIPTION

FT WAX 785 SF is a mixture of paraffin waxes.

PHYSICAL CONSTANTS

		Standard Value
Appearance	:	Solid white wax
Active substance (%)	:	80 % ± 2
Phase	:	Organic
Melting temperature (°C)	:	48 - 50

PROPERTIES

FT WAX 785 SF is a paraffin wax that is tailor-made for achieving a good balance between low melting point and penetration.

FT WAX 785 SF confers excellent pull-up effects with intensely improved lighter areas.

USE

FT WAX 785/SF is applied hot with a roller machine between 48 – 50°C.

PACKAGING

20 kg iron drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Finishing Chemicals
CROSSLINKERS

Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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CROSSLINKERS

FT KT 53

Rev. Date 12.2017

DESCRIPTION

FT KT 53 is a polyfunctional carbodiimide in hydro-dilutable organic solvent.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Yellowish liquid	
Dry content (%)	:	50 %	
Flashpoint (°C)	:	45	*± 1*
Density (g/cm³)	:	1.02	*± 0.05*

PROPERTIES

FT KT 53 is a multipurpose crosslinker suitable for use at room temperature.

It highly improves general resistance of polymer basecoats, as well as wet fastness in particular, enhancing adhesion between the finishing layers.

USE

FT KT 53 is added to the compound during stirring in a quantity of between 5-10%, depending on the concentration of the resins just before its usage.

Due to its propensity to hydrolyze, the mixture containing FT KT 53 has a limited pot-life of 6-8 hours, therefore the application should be completed within that period of time. However, when the mixture remains unused for 24 hours, the initial amount of FT KT 53 must be entirely replaced.

The complete crosslinking of the treated leathers takes 72 hours.

PACKAGING

10 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing. Flammable liquid.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
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T. +39 0571366788
P.Iva 01450040504

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FT KT 54

Rev. Date 12.2017

DESCRIPTION

FT KT 54 is an aqueous dispersion of a modified polyureic crosslinker.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish milky liquid	
Dry content (%)	:	27 %	*± 2*
Flashpoint (°C)	:	9.0	*± 1*
Density (g/cm³)	:	1.06	*± 0.05*

PROPERTIES

FT KT 54 is a water based crosslinker gainfully used to obtain outstanding general fastness in terms of tenacity, flexibility and twisting.

The cross-linkage is completed in the course of a day (24 hours) without hardening the leathers or affecting the subsequent finishing phases such as spraying or embossing; all of which should be completed within 24 hours after its application.

When completely dried, the mixture containing FT KT 54 is no longer water soluble and that is the reason why general mechanical resistance is greatly improved.

USE

FT KT 54 is diluted with water and filtered, before being added to the finishing compound in a quantity that varies between 1 % and 5 % for a 40 % resin solid content mixture.

PACKAGING

10 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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FT KT 100

Rev. Date 12.2017

DESCRIPTION

FT KT 100 is a polyureic crosslinker in aqueous dispersion.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish liquid	
Dry content (%)	:	29 %	*± 2*
pH (1:10)	:	9.0	*± 1*
Density (g/cm³)	:	1.07	*± 0.05*

PROPERTIES

FT KT 100 is a powerful crosslinker for waterborne systems used to effectively increase general resistance and adhesion of basecoats and coloured coats when required.

USE

FT KT 100 should be diluted with water and filtered, before being added to the finishing compounds in a dose of 2 % - 5 % on the resin weight (although 1 % - 3 % is often added for the more frequently used). Once the leather has been dried, the crosslinking action begins and continues for 24-36 hours.

Any over-spraying should be performed within 24 hours, with the adhesion of the interlayer being checked if this process is done after a longer period of time.

Physical-mechanical properties of resins and polymeric basecoats such as elasticity, toughness and flexibility are all greatly improved when crosslinked with FT KT 100. In addition, wet fastness and adhesion properties are significantly enhanced.

PACKAGING

10 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
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T. +39 0571366788
P.Iva 01450040504

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FT KT 55

Rev. Date 12.2017

DESCRIPTION

FT KT 55 is an aliphatic polyisocyanate in organic solvent.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Colourless fluid	
Active substances (%)	:	33 %	
Flashpoint (°C)	:	24	*± 1*
Density (g/cm³)	:	0.96	*± 0.05*

PROPERTIES

FT KT 55 is a crosslinker generally suitable for all polyurethane solvent-based polymers, principally FENLAC 11 and FENLAC 15 MATT.

USE

FT KT 55 is added in its original form, in a variable quantity from 5 % to 10 % depending on the polymer weight. If the presence of water absorption is evident in the solvents used for the dilution of the mixture, a higher percentage of FT KT 55 is required.

PACKAGING

10 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing. Flammable liquid.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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T. +39 0571366788
P.Iva 01450040504

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CROSSLINKERS

FIX LEATHER

Rev. Date 12.2017

DESCRIPTION

FIX LEATHER is a fixative for protein binders.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Transparent liquid	
Active substances (%)	:	9 %	
pH (1:10)	:	3.5	*± 1*
Density (g/cm³)	:	1.01	*± 0.05*

PROPERTIES

FIX LEATHER is the ideal substitute for formaldehyde. Its action causes the irreversible fixation of protein and polyamide binders, without altering the touch or natural look of the finishing.

USE

FIX LEATHER is sprayed after having been diluted with water in a ratio of 1:2 or 1:3
Modifiers such as FT TOUCH 101 or FT TOUCH 114 can be added to improve the hand.

PACKAGING

50 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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FT KT 105

Rev. Date 12.2017

DESCRIPTION

FT KT 105 is an aliphatic polyisocyanate in organic solvent.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	colourless liquid.	
Active substance (%)	:	70 %	*± 2*
Flashpoint (°C)	:	> 65	
Density (g/cm³)	:	1.09	*± 0.05*

PROPERTIES

FT KT 105 is a crosslinker for water-based systems.

When it is used in the basecoats or in the topcoats it improves adhesion and wet-rub fastness.

The aliphatic character makes it possible to use FT KT 105 also in light colour finishes, without compromising the light fastness.

USE

FT KT 105 is added to the finishing mixtures in a quantity of 1 – 2 % in the basecoats and 3 – 5 % in the topcoats, generally pre-mixed 1:1 with water in order to make sure it is well dispersed.

Finishing mixtures containing the crosslinker generally have a pot-life of 6-12 hours depending on the type and the concentration of the polymers.

FT KT 105 does not contain pyrrolidones (NMP or NEP).

PACKAGING

10 kg jerrycans.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing. Flammable liquid.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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FT KT 14

Rev. Date 12.2017

DESCRIPTION

FT KT 14 is a polyaziridine cross-linker.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Viscous clear liquid	
Active substance (%)	:	70 %	± 2
pH	:	10	+/- 1

PROPERTIES

FT KT 14 is an organic cross-linker with excellent features for all polymer emulsions, such as acrylic, polyurethane and resins.

USE

FT KT 14 can be directly added to polymers blend from 3% to 6% on dry polymer weight.

Particular attention should be put during embossing and plating, in order to avoid adhesion problems.

It has 12 hours pot-life, so further dosage is needed when mixtures stand longer 12 hours.

PACKAGING

5 kg jerrycans.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Finishing Chemicals

PENETRANTS AND THINNERS

Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT PI 1008

Rev. Date 12.2017

DESCRIPTION

FT PI 1008 is a mixture of surfactants in organic solvent.

PHYSICAL CONSTANTS

		Standard Value
Appearance	:	Yellowish liquid
Active substances (%)	:	100 %
Flashpoint (°C)	:	> 65

PROPERTIES

FT PI 1008 is a versatile product which can be used on all kinds of leathers, vegetable included, on which it imparts brightness and body.

USE

FT PI 1008 has been specifically designed for being used by pad or spray dyes.

PACKAGING

50 or 100 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing. Flammable liquid.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
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P.Iva 01450040504

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FT PI 1001

Rev. Date 12.2017

DESCRIPTION

FT PI 1001 is a glycolic ether.

PHYSICAL CONSTANTS

		Standard Value
Appearance	:	Colourless liquid
Flashpoint (°C)	:	45

PROPERTIES

FT PI 1001 is an all-purpose diluent suitable for both solvent and water-based products.
It facilitates high penetration and is compatible with cationic products.

USE

FT PI 1001 should be added to the finishing mixture in a quantity that varies according to the result required.

PACKAGING

50 or 100 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing. Flammable liquid.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT PI 1000

Rev. Date 12.2017

DESCRIPTION

FT PI 1000 is a water solution of surfactants.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Colourless fluid	
Active substances (%)	:	55 %	
pH (1:10)	:	8.0	*± 1*
Flashpoint (°C)	:	50	*± 1*

PROPERTIES

FT PI 1000 ensures good penetration of finishing coats on leathers which present uneven or scarce absorption without weakening the film of the finishing or causing any hardening.

USE

FT PI 1000 is usually compatible with all the products normally utilized in basecoats, therefore suitable for all types of leathers.

It can also be successfully used in glazeable dressings when needed.

PACKAGING

50 or 100 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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FT PI 1004

Rev. Date 12.2017

DESCRIPTION

FT PI 1004 is a generic solvent.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Transparent liquid	
Flashpoint (°C)	:	25	
Density (gr/cm³)	:	0.88	*± 0.03*

PROPERTIES

FT PI 1004 is a generic solvent, normally used to dilute solvent-based products.

USE

FT PI 1004 can be used in any ratio with solvent products.

PACKAGING

50 or 100 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing. Flammable liquid.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

FT PI 56

Rev. Date 12.2017

DESCRIPTION

FT PI 56 is a thinner for polyurethane solvent lacquers.

PHYSICAL CONSTANTS

		Standard Value
Appearance	:	Colourless fluid
Flashpoint (°C)	:	< 23

PROPERTIES

FT WAX 280 is a waxy blend which is ideal for use as a sealing pre-ground on corrected grain since it has a noticeable upgrading effect on leather as a result.

Leather treated with FT WAX 280 have good coverage and well-sealed surfaces as well as a natural look and touch.

USE

Solvent lacquers are diluted with FT PI 56 and then applied by the system most suited to the article to be obtained.

FT PI 56 must not be added to FENLAC 11 or FENLAC 15 MATT if either of them is cold or frozen. In such cases, they should be warmed up to room temperature before proceeding with the finishing process.

PACKAGING

50 or 100 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing. Flammable liquid.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Finishing Chemicals
PIGMENTS

Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

AQUALUX MAX BLACK

Rev. Date 12.2017

DESCRIPTION

AQUALUX MAX BLACK is an aqueous solution of dyes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Black liquid	
Dry content (%)	:	14 %	*± 2*
pH (1:10)	:	8.0	*± 1*

PROPERTIES

AQUALUX MAX BLACK is a dyestuff especially designed to confer a unique bronzing black shade to finished black leather.

This 'look' is created when AQUALUX MAX BLACK is added to either PU or protein aqueous based topcoats in the production of footwear and black garments.

The final leather has a striking appearance due to its strong, black color.

AQUALUX MAX BLACK requires correct bonding to acquire water drop resistance since it contains water soluble colorants.

USE

EXAMPLE OF USE

Isopropyl alcohol……15

AQUALUX MAX BLACK……...15

TOUCH FT 101……2

FT UR 549……...40

Water……130

PACKAGING

10 kg cans.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

AQUALUX VE BLACK

Rev. Date 12.2017

DESCRIPTION

AQUALUX VE BLACK is a black dye in aqueous solution.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Black liquid	
pH (1:10)	:	7.0	*± 1*

PROPERTIES

AQUALUX VE BLACK is a black dye which improves the transparency and color depth of back finishes.

USE

AQUALUX VE BLACK is added in a ratio of 1 % - 2 % to the aqueous based lacquer BRILLACK FT 15.

PACKAGING

10 kg cans.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

IRICOLOR PASTES

Rev. Date 12.2017

DESCRIPTION

IRICOLOR PASTES is a series of aqueous iridescent pigment pastes.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Viscous liquid	
Active substances (%)	:	28 %	
pH (1:10)	:	8.0	*± 1*

	REFLECTED COLOUR	TRANSMITTED COLOUR
IRICOLOR ARANCIO	orange	blue-green
IRICOLOR BLU	blue	yellow
IRICOLOR ORO	golden yellow	bluish
IRICOLOR ROSSO	red	green
IRICOLOR VIOLA	violet	yellow-green

USE

IRICOLOR PASTES are suitable for use in water-based systems.

They have two components in their coloring, the main one being 'reflective' and the second 'transmitted'.

This produces a 'two tone' visual effect which is unobtainable using standard pearl pigments.

PACKAGING

5 kg buckets.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

The product is guaranteed for its physical and quality characteristics for at least 24 months from the date of production. It must be kept well-sealed and stored in its original packaging according to the conditions on the technical and safety data sheets.

All our information and suggestions are supplied on the basis of our present knowledge and are subject to careful tests. However, we cannot accept responsibility for the use of the product, which must be verified and evaluated for its suitability or otherwise by the customer. Declared physical constants are monitored in production. Please see the relevant Safety Data Sheet for additional safety information.

Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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IRICOLOR SERIES

Rev. Date 12.2017

DESCRIPTION

IRICOLOR SERIES are pigments made of fine mica micro-particles which create pearly, metallic effects.

PROPERTIES

The IRICOLOR powder consists of colorants containing finely sized particles with a high refractive index to produce an elegant effect without the use of metal or metal alloys.

IRICOLOR pigments possess good chemical and physical properties and are resistant to both diluted acids and alkalis.

USE

The IRICOLOR SERIES should not be mixed with covering pigment pastes since this diminishes their final pearly effect.

IRICOLOR powder can be used in either water or solvent-based finishing.

IRICOLOR Powders available:

PW ARGENTO	silver
PW ARGENTO ANTICO	antique silver
PW BRONZO ANTICO	antique bronze
PW ORO BRILLANTE	bright gold
PW PEARL POWDER	pearl
PW RAME	copper
PW RAME ANTICO	antique copper

PACKAGING

5 kg buckets.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Finishing Chemicals

COATING ON PAPER

Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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COATING ON PAPER

FT FIX AM

Rev. Date 12.2017

DESCRIPTION

FT FIX AM is an aqueous dispersion of polyurethanes and fillers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish liquid	
Dry content (%)	:	7 %	*± 2*
pH (1:10)	:	9.0	*± 1*

PROPERTIES

FT FIX AM is an NMP and NEP free, intermediary fixative which forms a semi-opaque, medium-hard film, utilized when the insulation coat should possess hydrolysis resistance, light withstanding qualities and high general fastness.

FT FIX AM shows outstanding spreadability even on unfavorable surfaces which also makes it suitable for the transfer release technology finishing process.

USE

FT FIX AM can be used alone by roller-coater or applied by sprayguns after having been diluted with water when necessary.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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COATING ON PAPER

FONDO K SOFT

Rev. Date 12.2017

DESCRIPTION

FONDO K SOFT is a water dispersion of polyurethanes and fillers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Opalescent fluid	
Active substance (%)	:	22 %	*± 2*
pH (1:10)	:	8.0	*± 1*
Density (g/cm³)	:	1.01	*± 0.05*

PROPERTIES

FONDO K SOFT is a compact binder for pigmented covering of full grain leathers destined to finished shoe articles and leather articles with the system paper release.

The high polyurethane content confers a very good physical profile, including hydrolysis resistance.

USE

FONDO K SOFT can be applied by spray or roller-coater.

PACKAGING

120 kg plastic drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Finishing Chemicals

TOP STAR

Fencolor Italia srl
Via A. Vespucci 5, 56029 - Santa Croce sull'Arno (Pi)
info@fencolor.com | www.fencolor.com
T. +39 0571366788
P.Iva 01450040504

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TOP STAR

FT COMPAT F200

Rev. Date 12.2017

DESCRIPTION

FT COMPAT F200 is a water emulsion of acrylic binders and fillers.

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Whitish viscous liquid	
Dry content (%)	:	22 %	*± 2*
pH (1:10)	:	8.0	*± 1*
Density (g/cm³)	:	1.04	*± 0.05*

PROPERTIES

FT COMPAT F200 is a binder for slightly buffed upholstery leather having a soft, slightly, matt film.

FT COMPAT F200 is characterized by a good coverage that however does not overload the grain giving an excellent behaviour during hot operation.

USE

FT COMPAT F200 can be applied by spray, airless or pad and keeps leather soft, conferring a warm, natural touch.

FT COMPAT F200 can be diluted accordingly with water to modify penetration and coverage.

PACKAGING

120 kg drums.

STORAGE

Store in a cool, dry, well-ventilated area between +5 and 40°C. Keep from freezing.
For safe use of the product, the information given on the safety data sheet should be carefully observed.

MINIMUM SHELF-LIFE

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Finishing Chemicals
COLORSOL SERIES

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COLORSOL Series

Casein-free pigment water dispersions

COLORSOL BIANCO

COLORSOL BIANCO FTS

COLORSOL BIANCO NEVE

COLORSOL LIMONE NL

COLORSOL GIALLO ORO NL

COLORSOL CARAMELLO

COLORSOL ROSSO FUOCO

COLORSOL ROSSO

COLORSOL ROSA

COLORSOL BORDEAUX

COLORSOL BRUNO CHIARO

COLORSOL BRUNO

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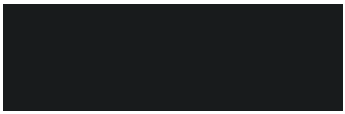
COLORSOL SERIES

COLORSOL ARANCIO NL

COLORSOL MARRONE

COLORSOL MOGANO



COLORSOL NERO

COLORSOL VERDE

COLORSOL NERO ECLISSE

COLORSOL BLU

COLORSOL SUPER BLACK

COLORSOL COBALTO

COLORSOL JETBLACK