

FENIREN 430

Rev. Date 12.2017

DESCRIPTION

FENIREN 430 is a salt free modified acrylic copolymer.

PHYSICAL CONSTANTS

		<i>Standard Value</i>
Appearance	:	Viscous transparent liquid
Active substance (%)	:	30 % ± 1
Lightfastness	:	Excellent
pH (1:10)	:	6.0 ± 1
Acid stability	:	Stable

PROPERTIES

FENIREN 430 provides an excellent fine, tight grain.

FENIREN 430 produces leathers with low specific weight and does not influence the colour depth.

USE

FENIREN 430 is mainly used after neutralisation in quantities of around 3 to 6% on shaved weight and provides leathers with a very fine grain and uniform dye yield.

FENIREN 430 can be combined with all anionic re-tanning agents including vegetable extracts. It helps to avoid grain looseness and is especially recommended for the production of shoe uppers and milled leathers.

FENIREN 430 can be used before or after the main fat-liquor to help its exhaustion.

PACKAGING

130 kg per drums or 1100 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.

FENIREN FM

Rev. Date 12.2017

DESCRIPTION

FENIREN FM is a re-tanning agent based on dyciandiamide.

PHYSICAL CONSTANTS

		<i>Standard Value</i>
Appearance	:	Fine beige powder
Active substance (%)	:	95%
pH (1:10)	:	9.5 ± 1
Nitrogenous typ. tot.	:	23%

PROPERTIES

FENIREN FM is a resin re-tanning agent which has a selective filling action in the empty parts of leathers.

USE

FENIREN FM is usually used during or after neutralisation at the re-tanning stage.

Thanks to its nature, FENIREN FM improves grain tightness and the levelling of fullness and roundness, even into the empty parts of the leathers.

FENIREM FM confers good buffing and embossing properties without any bleaching effect.

PACKAGING

25 kg bags on 1000 kg pallets.

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.

FENIREN LV

Rev. Date 12.2017

DESCRIPTION

FENIREN LV is a resin based on a dispersion of plasticized homopolymer polyvinylacetate.

PHYSICAL CONSTANTS

		<i>Standard Value</i>	
Appearance	:	Viscous liquid	
Active substance (%)	:	35%	± 2
pH (1:10)	:	5.5	± 1

PROPERTIES

FENIREN LV is a resin based on a dispersion of plasticized homopolymer polyvinylacetate.

it is characterized by a medium viscosity despite an high molecular weight.

USE

FENIREN LV is used in the retanning of full grain and buffed leather , but it is particularly indicated in the crusts leather, which thanks to its ability to produce a very flexible film, confers closure, fullness and softness.

FENIREN LV can be used in an acid environment or in highly neutralized leathers, with a rotation of 30-40 minutes to complete the fixing operation.

PACKAGING

125 kg drums or 1100 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.

FENIREN ML

Rev. Date 12.2017

DESCRIPTION

FENIREN ML is an anionic condensate melamine-based retanning agent.

PHYSICAL CONSTANTS

		<i>Standard Value</i>
Appearance	:	Yellowish-beige coloured powder
Active substance (%)	:	95%
pH (1:10)	:	8.5 ± 1

PROPERTIES

FENIREN ML is a retanning agent based on condensate melamine and suitable for all kinds of leathers. It is compatible with all anionic re-tanning agents and dyestuffs.

FENIREM ML gives fullness and softness to the leathers; improving fluffiness and producing a tight grain.

USE

FENIREN ML is usually used during or after neutralisation at the re-tanning stage, to improve grain tightness and to prepare the skins for the next step of the production process.

FENIREM ML can also be added after the main fat-liquor, resulting in the leathers being tight and spongy.

FENIREM ML gives good buffing properties, short fibres and a very fine grain.

PACKAGING

25 kg bags on 1000 kg pallets.

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.

FENIREN R405

Rev. Date 12.2017

DESCRIPTION

FENIREN R405 is an anionic polymer in solution with an acrylic base.

PHYSICAL CONSTANTS

		<i>Standard Value</i>	
Appearance	:	Amber coloured liquid	
Active substance (%)	:	40%	± 2
pH (1:10)	:	7.0	± 1

PROPERTIES

FENIREN R405 is a polymer retanning agent for chrome-tanned leathers. It gives fullness and fineness, keeping its chrome character.

The stability of calcium salts is good. It precipitates at a pH of under 4.0.

USE

The use of FENIREN R405 improves the finishing anchorage.

It is perfectly compatible with synthetic tanning agents and vegetable extracts but cannot be mixed with mineral tanning agents.

FENIREN R405 has excellent lightfastness, so recommended for white and light-coloured items.

PACKAGING

130 kg plastic drums or 1200 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

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.

FENIREN SD 40

Rev. Date 12.2017

DESCRIPTION

FENIREN SD 40 acrylic copolymer.

PHYSICAL CONSTANTS

	<i>Standard Value</i>
Appearance	: White viscous liquid
Active substance (%)	: 39 % ± 1
Light fastness	: Excellent
pH (1:10)	: 3.7 ± 1
Acid stability	: Stable

PROPERTIES

FENIREN SD 40 produces leathers with a very tight grain and fullness.

FENIREN SD 40 is suitable for producing white leathers with excellent lightfastness.

USE

FENIREN SD 40 is mainly used before or after the re-chroming stage in quantities of about 2 to 4% on shaved weight.

FENIREN SD 40 avoids grain looseness and is highly recommended for the production of milled leathers and shoe-uppers where fullness and firmness are desired.

FENIREN SD 40 can also be used after the main fat-liquor to help the distribution and fixation of oils.

PACKAGING

130 kg drums or 1100 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.

FENIREN SM Liq.

Rev. Date 12.2017

DESCRIPTION

FENIREN SM Liq. is a water-soluble styrene-maleic copolymer

PHYSICAL CONSTANTS

		Standard Value	
Appearance	:	Slightly turbid, almost colourless, thick liquid	
Active substance (%)	:	20%	± 2
pH (1:10)	:	6.5	± 1

PROPERTIES

FENIREN SM Liq. is stable to neutral salts, weak acids and bases at all degrees of concentration likely to be encountered in tanning and also to vegetable and synthetic tannins. FENIREN SM Liq. has good filling properties and improves leather softness and its feel, without any loss of tensile strength.

Retannage with FENIREN SM Liq. yields a fine grain.

FENIREN SM Liq. fully preserves both the softness and fullness of the leather, as well as the elasticity of the grain for prolonged periods of storage.

It is especially suitable for full grain leather and both footwear or garment leather items that require subsequent buffing, polishing or embossing.

USE

FENIREN SM Liq. can be used alone or together with vegetable or synthetic tannins in the neutralizing or re-tanning of chrome-tanned leather.

Nappa on cattle hide: After fatliquoring, add 4-5% of FENIREN SM Liq. and perform the fixation using formic acid.

FENIREN SM Liq. is usually used when a good, springy handle is required without impairing any of the physical properties of the leather.

PACKAGING

125 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.

FENIREN SS

Rev. Date 12.2017

DESCRIPTION

FENIREN SS is a condensation product of phenolsulfonic acid and an organic nitrogenous base.

PHYSICAL CONSTANTS

	<i>Standard Value</i>
Appearance	: Pale powder
Active substance (%)	: 94%
Lightfastness	: Excellent
pH (1:10)	: 7.5 ± 1
Acid stability	: Stable

PROPERTIES

FENIREN SS has excellent dispersion properties and helps the penetration and distribution of all chemicals at the retanning stage. It can be applied together with mineral tanning agents to help fixation.

FENIREN SS is lightfast and heat resistant. Used in neutralisation or the retanning of waterproof leathers, FENIREN SS also helps to stabilize the waterproofing system.

USE

FENIREN SS is mainly used during or after neutralisation in quantities of between 2 up to 4% on shaved weight. It can help to prevent the grain from being drawn when heavy veg-retannage is applied.

FENIREN SS also helps to improve grain tightness.

PACKAGING

25 kg bags on 1000 kg pallets.

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.

FENIREN WP2

Rev. Date 12.2017

DESCRIPTION

FENIREN WP2 is a surfactant free acrylic acid copolymer sodium salt.

PHYSICAL CONSTANTS

		<i>Standard Value</i>	
Appearance	:	Viscous opaque liquid	
Active substance (%)	:	23%	± 1
Lightfastness	:	Excellent	
pH (1:10)	:	4.3	± 1

PROPERTIES

FENIREN WP2 is a lightfast softening resin which confers great softness and reticulates to fill up the emptier parts of the leather.

FENIREN WP2 reacts with fatliquor and improves softness when mixed into any blend of oils.

USE

FENIREN WP2 can be used during neutralisation in quantities of 1% to 3% to improve grain tightness.

Used in small amounts of about 0.5%-1% with waterproof fatliquor such as FENOIL WP4 or FENOIL WPI, it helps with the penetration and distribution of oils, increasing the stability of the system.

FENIREN WP2 can be used to produce white and lightfast leather articles.

PACKAGING

150 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.