

UREZ 591

Characteristics of Emulsion

Appearance	: Milky Emulsion
Nature	: Aliphatic Polyurethane Dispersion
Charge	: Anionic
Solid Content	: 12 ± 1%
pH (10% Sol.)	: 7.5 ± 0.5
N.M.P. Content (%)	: Nil
Mechanical Stability	: Good

Characteristics of Film

Appearance	: Medium Soft, Flexible and Tough
Tensile Strength	: 4.4 Mpa / 635 PSI
Elongation	: 940 %
Gloss	: 69 BYK Gardner
Shore A Hardness	: 49 (Zwick/Roell)
Light Fastness	: Excellent
Cold-crack Resistance	: Excellent

REACH COMPLIANT



Green-Trek- Compliant

A symbol of our commitment to sustainable technologies

Storage : Store between +5 °C to 35 °C in original pack, well-sealed & stored.
Shelf-life : Product is stable for 6 months from the date of production / Invoice.



Non flammable

Avoid direct contact with skin



Prevent from freezing

Use Gloves / Ensure Ventilation



Aliphatic Polyurethane Dispersion, solvent free, medium soft for use as a highly economical adhesion promoter for finishing of leather.

UREZ 591 is a general purpose, highly economical aliphatic polyurethane dispersion used as an adhesion promoter. It imparts an extremely elastic film of high tensile strength which gives a very high flex, abrasion and scuff resistance and also milling properties to the leather. Its hydrolyses and cold-crack resistance is also good and imparts excellent lightfastness to light coloured leather.

UREZ 591 shows very good compatibility with various acrylics, butadiene and auxiliaries (not cationic) and can be used in many combinations to achieve various properties of finish. The product can be cross-linked with the help of Xama 2 or Xama 7 in order to further improve the physical properties.

Usage

▪ Cow Smooth Brush-Off	:	150 parts Pigment - Nano Series 200 parts Acril-m X 01 100 parts Acril-m S 8/1 30 parts Filler 12/61 50 parts Protop SP 150 parts Urez 591 30 parts Neowax ST 290 parts Water
▪ C/G Buff Upper	:	100 parts Pigment - Nano Series 50 parts Glaze Top EC 25 parts Filler WTD 100 parts Acril-m S 60 75 parts UREZ 591 50 parts Filler 12/61 50 parts Neowax ST 550 parts Water

Note: Suggested formulations are only for guidance and necessary modifications must be made to achieve a particular result.