

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 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 | : | 150 | parts | Pigment - Nano Series |
| Brush-Off | | 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 | : | 100 | parts | Pigment - Nano Series |
| Upper | | 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.