

RELTEX

TECHNICAL DATA SHEET



Description of the product

RELTEX is a relief acrylic paint. It combines perfectly elastic film and hard surface and can be applied providing various textures of the surface. It has insulating properties and extraordinary adhesion on alkali surfaces. It provides high whiteness and covers perfectly small irregularities of the substrate.

Recommended uses

It is applied on exterior surfaces of plaster, concrete etc, and gives a relief finish.

Technical characteristics

Resin: Acrylic Resin

Density (white): 1.70±0.14 gr/ml (EN ISO 2811.01, 20°C)

Production Viscosity: 62±17 poise (ISO 2884.02)

Storage Viscosity: 98±42 poise (ISO 2884.02)

Solids b.w.: 83±2% (EN ISO 3251)

Solids b.v.: 70±3% (ISO 3233)

Storage pH: 8.8±0.9 (ISO 976)

Packaging stability: 10/10 (1 month, 50°C) (ASTM D 1849)

Minimum Film Forming Temperature: 5°C (ASTM D 2354)

Freeze-thaw stability (-10°C): OK (ELOT 777)

VOC (Volatile Organic Compounds): **RELTEX** belongs to the category A/c WB (Exterior walls of mineral substrate). EU Limit Value: 40 g/l. The ready to use product contains max. 17 g/l.

Shades

Available in white.

Properties

Adhesion (Pull off, with Primex A-1300 as primer): ≥ 1.5 N/mm² (EN ISO 4624)

Resistance to liquids (NaOH 5% b.w.): No change is noted on the film (EN ISO 2812.01)

Recoatibility: No change is noted on the film (ELOT 788 § 5.4)

Bend test (Mandrel): 3 mm OK (EN ISO 1519)

Packaging stability: 10 (1 month, 50°C) (ASTM D 1849)

Exposure to fluorescent UV & Water: 2000 h: No change is noted on the film (EN ISO 11507)

Spreading rate

Dry film thickness: 400±100 µm.

Spreading rate: 1.2±0.4 m²/kg, depending on the desired final texture.

Application instructions

Surfaces are cleaned from dust and flaking parts are removed. New surfaces are primed with **PRIMEX A-1300** or **PRIMEX MICRO**. Gypsum plastered or dirty surfaces are coated with **MONOX**. **RELTEX** is applied 1 coat, thinned or not, depending on the texture to be obtained. Roller should be moved always towards one direction, either up or down.

Application method: Special roller for relief.

Diluent: Water.

Thinning: Depending on the desired texture of the surface.

Tools are cleaned immediately after the application with soap and water.

Drying time

Dry Through: 1½±½ hours (ASTM D 1640).

Drying and recoating time may be prolonged under conditions of low temperature and high relative humidity.

Packaging

Available in 5 Kg and 15 Kg cans.

Storage

1 year, provided the cans remain closed and in normal storing conditions. RELTEX can be stored after opening if the can is kept properly sealed in a cool sheltered place at temperatures 5-30°C.

Health and safety

Please refer to the labeling mentioned on the can. In case more information is needed refer to the Material Safety Data Sheet.

Notes

- It is recommended to avoid the application of the product at temperatures below 0°C or just before rain.
- **RELTEX** has very good resistance on alkali surfaces, mechanical stresses, severe weather conditions, and covers perfectly surfaces with small irregularities.

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