

REFLEX

TECHNICAL DATA SHEET



Description of the product

REFLEX is a road marking paint, based on modified alkyd resins. It has excellent adhesion on tar and cement and has great reflectivity in daylight and in darkness as well.

Recommended uses

It is used for marking roads, parkings etc and for painting cement floors.

Technical characteristics

Resin: Alkyd resin with chlorinated rubber

TiO₂ Content (for the white paint): ≥ 13%

Fines of grind (Hegman): ≥ 3

(ASTM D 1210)

Density(white): 1.55±0.04 gr/ml

(EN ISO 2811.01, 20°C)

Production Viscosity: 75±5 KU

(ASTM D 562, 25°C)

Storage Viscosity: 80±7 KU

(ASTM D 562, 25°C)

Solids b.w.(White): 71±2.5%

(EN ISO 3251)

Solids b.v. (white): 47±2.5%

(ISO 3233)

Flash point: 18±3°C

(EN ISO 1523)

VOC (Volatile Organic Compounds): **REFLEX** belongs to the category A/I SB (one-pack performance coatings). EU Limit Value: 500 g/l. The ready to use product contains max. 499 g/l.

Shades

Available in white (No 6004), yellow (No 6004) and grey (No 6094).

Properties

Adhesion(Cross-Cut on metal): 1-2

(EN ISO 2409)

Hardness (König): 22±10 sec, after 7 days

(EN ISO 1522)

Bend test (Mandrel): 10 mm OK

(EN ISO 1519)

Whiteness Index (white): ≥ 70

(ASTM E 313)

Resistance to water (glass panel): OK

(KEDE Specifications)

Spreading rate

Dry film thickness: Approx. 125 µm.

Spreading rate: 3.8±1 m²/Lt.

Application instructions

It is applied on clean and dry surfaces.

Application method: Brush, roller.

Diluent: CHROTEX SPRAY SOLVENT.

Thinning: No thinning is necessary, but if needed, it can be diluted up to 7% v/v.

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

Drying time

Dry: 15-25 minutes for temperatures 10°C-20°C and

10-20 minutes for temperatures 20°C-30°C (ASTM D 1640).

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

Packaging

It is available in 0.75 Lt and 2.5 Lt cans.

Storage

1 year, provided the cans remain closed and in normal storing conditions.

Health and safety

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

Notes

- Drying time depends on humidity.
- REFLEX can also be applied with special machinery used for road marking at a dry film thickness of 400 µm.

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