

NovepoX 960

Primer

TECHNICAL DATA SHEET

Description of the product

NOVEPOX PRIMER 960 is a 2-component epoxy based primer. It is used for the protection of surfaces exposed to extreme conditions (industrial environment, constant contact with liquids, etc).

Recommended uses

It is applied on cement, plastic and wooden surfaces before the use of an epoxy based or polyurethane based topcoat.

Technical characteristics

Resin: Component A: Epoxy resin

Component B: Polyamide resin

Density (A+B): 1.36±0.04 gr/ml

(EN ISO 2811.01, 20°C)

Production viscosity (A+B): 45±10 sec

(DIN 53211 /4 mm, 20°C)

Solids b.w. (A+B): 68±2%

(EN ISO 3251)

Solids b.v. (A+B): 45±2%

(ISO 3233)

Flash point: A: 23±2°C, B: 21±2°C

(EN ISO 1523)

VOC (Volatile Organic Compounds): NOVEPOX PRIMER 960 belongs to the category A/j SB (Two-pack performance coating). EU Limit Value: 500 g/l. The ready to use product contains max. 499 g/l.

Shade

Available in white.

Properties

Gloss 60°/85°: 25±5/30±5

(EN ISO 2813)

Adhesion (Cross Cut on polyester): 0-1

(EN ISO 2409)

Adhesion (Pull off on cement): 2.5±0.5 Nt/mm²

(EN ISO 4624)

Hardness (König): 90±10 sec, after 7 days

(EN ISO 1522)

Impact Test: in/out: 22±2/2±2 inch/pounds

(EN ISO 6272)

Bend test (Mandrel): 3 mm OK

(EN ISO 1519)

Resistance to Salt Spray: 55±10 µm: Very good protection for at least 250 hours

(EN ISO 7253)

Spreading rate

Dry film thickness per coat: 55±10 µm.

Spreading rate: 6±1 m²/kg, per coat.

Application instructions

Surfaces must be dry, clean from oils, dust and flaking parts must be removed. It is recommended to sandpaper the plastic surfaces before the application of the primer.

NOVEPOX PRIMER 960 is applied in 1-2 coats.

Mixing ratio: 6A:1B b.w.

Pot life: > 8 hours (10°C), > 8 hours (20°C), ≥ 8 hours (30°C) (EN ISO 9514).

Application method: Brush, roller, spray.

Diluent: E-1900.

Thinning: *For application with brush, roller:* Dilute up to 2% b.w. [Application viscosity: 45±5 sec (DIN 53211/4 mm, 20°C)].

For spraying: Dilute 4-6% b.w. [Application viscosity: 22±3 sec (DIN 53211/4 mm, 20°C), nozzle size: 1.5-1.8 mm, air pressure: 2-2.5 atm].

Tools are cleaned immediately after the application with solvent E-1900, soap and water.

Drying time

Set-to-touch: 30±10 minutes (ASTM D-1640).

Dry through: 3±½ hours.

Dry hard: 6±1 hours.

Recoating time: After 12 hours.

Complete hardening: After 2-3 days.

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

Coating system

NOVEPOX PRIMER 960 is a primer applied before the epoxy-based topcoat **NOVEPOX**. For even better results, mainly for exterior surfaces, it is recommended to apply a polyurethane based topcoat, such as **BOATLAC**.

Other systems may be applied, depending on the application.

Packaging

Component A is available in 1 Kg and 5.15 Kg cans. Component B is available in 0.17 Kg και 0.85 Kg cans.

Storage

1 year for Components A and B, 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

- It is recommended to avoid the application of the product at temperatures below 10°C, greater than 35°C and relative humidity higher than 70%.
- If after the application of **NOVEPOX PRIMER 960** more than 24 hours elapse, it is recommended to sandpaper the surface before applying **NOVEPOX**.
- It is recommended to allow at least a 3-month period before painting early constructed cement or plaster surfaces.

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This issue replaces all others.*

