

Neomin

TECHNICAL DATA SHEET



Description of the product

NEOMIN is an anticorrosive alkyd-based primer of 100% minimum (red lead primer). Due to its composition, it offers excellent anticorrosive protection on surfaces that are exposed to heavy corrosive environment.

Recommended uses

It offers anticorrosive protection on metal surfaces. It is applied as an undercoat for alkyd topcoats, such as **MOBILAC**, **ULTRALAC**, **MARTELEX**.

Technical characteristics

Resin: Alkyd	
Density: 2.65±0.15 gr/ml	(EN ISO 2811.01, 20°C)
Production viscosity: 11±1 poise	(ISO 2884.2)
Storage Viscosity: 11±4 poise	(ISO 2884.2)
Solids b.w.: 84±2%	(EN ISO 3251)
Solids b.v.: 46±1.5%	(ISO 3233)
Flash point: 39±3°C	(EN ISO 1523)

VOC (Volatile Organic Compounds): **NEOMIN** 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

Orange.

Properties

Adhesion (Cross Cutting): 2-4	(EN ISO 2409)
Hardness (König): 65±15 sec, after 7 days	(EN ISO 1522)
Bend test (Mandrel): 4 mm OK	(EN ISO 1519)
Resistance to Salt Spray: 50±5 µm: Very good protection for at least 500 hours	(EN ISO 7253)
Resistance to Salt Spray: <i>As a system: (1 coat NEOMIN+2 coats MOBILAC):</i> Very good protection for at least 900 hours	(EN ISO 7253)
Sag Resistance (undiluted): 300±25 µm	(ASTM D 4400)

Spreading rate

Dry film thickness per coat: 50±5 µm.
Spreading rate: 9.5±1 m²/Lt.

Application instructions

Surfaces are cleaned, either with sandblasting or sand papering, from rust, oil, abrasive residues, old paints, etc. For removing or stabilizing rust, it is recommended to apply **CHROTEX PRERUST** or **RUSTABIL** respectively. **NEOMIN** is applied in 1 coat.

Application method: Brush.

Diluent: **CHROTEX BRUSH SOLVENT**.

Thinning: Dilute up to 20% v/v.

Tools are cleaned immediately after the application with CHROTEX Brush Solvent, soap and water.

Drying time

Set-to-touch: 35±5 minutes (ASTM D 1640).

Dry through: 3±1 hours.

Recoating Time: After at least 16 hours.

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

Coating system

After the application of **NEOMIN** apply alkyd-based enamels, such as **MOBILAC, ULTRALAC**.

Other systems may be applied, depending on the application.

Packaging

Available in 0.375 Lt, 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 mentioned on the can. In case more information is needed refer to the Material Safety Data Sheet.

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This issue replaces all others.*

