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Neopox[®] Satine

Product Description

Neopox[®] Satine is a two-component solvent-based epoxy paint suitable for use on cement constructions and metallic surfaces. Displays anti-slip properties and satine appearance.

Fields of Application

- Warehouses, car services places
- Indoor metallic surfaces

Properties/ Advantages

- Resistant at temperatures between -20°C and +120°C (short-term resistance). Permanent resistance between -20°C and +70°C.
- Widespread use of applications with the same material.

Technical Characteristics

Appearance	Satine
Density (EN ISO 2811.01)	1,45-1,50 kg/l
Gloss 60°	30-40
Consumption	280-330gr/m ² for two layers (depending on substrate)
Substrate Temperature	+12°C to +35°C
Ambient Temperature	+12°C to +35°C
Surface humidity content	<4%
Relative atmospheric humidity	<70%
Total Hardening	~ 7 days
Abrasion resistance (ASTM D 4060)	110 mg (TABER TEST CS 10/1000/1000)
Bond strength (EN 13892-8)	≥ 2,5 N/mm ²

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Pot Life

Temperature	Time
+12°C	2 hours
+25°C	1 hour
+30°C	1 hour

Overcoating

Temperature	Time
+12°C	36 hours
+25°C	24 hours
+30°C	24 hours

Walkability

Temperature	Time
+12°C	36 hours
+25°C	24 hours
+30°C	24 hours

Quality/Preparation of Substrate

The concrete substrate must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum pull off strength of 1.5 N/mm². The substrate must be clean, dry (surface humidity content <4%) and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc. Concrete substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and achieve an open textured surface.

Local putting can be achieved with **Epoxol[®] Putty** in proportion from 1A:1B to 2A:1B or **Epoxol[®] Primer SF** mixed with quartz sand.

Instructions for use

Construction Surfaces:

Apply one coat of **Neopox[®] Satine** diluted 8% with solvent **Neotex 1021**. Before applying, mix both components (A&B) thoroughly to the correct

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predetermined mixing proportion by weight. **Neopox[®] Satine** must be thoroughly mixed using a low speed electric stirrer and It is important to stir the mixture thoroughly near the sides and bottom of the container. Apply the second coat diluted 4-8 % with solvent **Neotex 1021** (if a third coat is required, dilute 4%). **Neopox[®] Satine** can be applied with brush, roller or airless spray.

Metallic Surfaces:

The surfaces should be free of rust or any corrosion that may prevent bonding and it should be prepared by brushing, grinding or sand blasting. Afterwards apply one coat of **Neopox[®] Special Primer 1225** diluted with solvent **Neotex 1021** to protect against rust. Before applying the primer, mix both components (A&B) thoroughly and apply within 3 hours by brush, roller or airless spray. Then apply two coats of **Neopox[®] Satine** diluted 4-8 % with solvent **Neotex 1021**.

Polyester & wood surfaces:

The surface should be rough (not smooth) leveled (e.g. with **Epoxol[®] Putty**), free from dust, dirt, greasy and oily substances. Apply one coat of **Neopox[®] Satine** diluted 8% with solvent **Neotex 1021**. Apply the second coat diluted 4-8 % with solvent **Neotex 1021** (if a third coat is required, dilute 4%).

Notes

- Low temperatures and high humidity during application prolong drying time, etc
- The surface should be dry during paint application and protected from rising moisture attack (e.g. Osmotic pressure resistant system **Neopox[®] Primer AY**).
- Allow at least 4 weeks to pass between casting new concrete structures and painting them with the product.
- Direct and continuous exposure to UV radiation can cause over time the chalking phenomenon.
- Surfaces that have already been painted with epoxy paints should be scrubbed lightly before overcoating with the product to ensure good adhesion between the two paint layers.
- Overcoating a freshly painted surface must take place within 2 days otherwise it is suggested to scrub lightly the freshly painted layer to avoid possible adhesion problems.
- After stirring the entire mixture, apply immediately the material to avoid, in high temperatures, the polymerization of the product into the container.
- The substrate temperature must be at least 3°C above dew point to reduce the risk of condensation or blooming on the floor finish.

Cleaning of Tools

Use solvent **Neotex 1021** immediately after application.

Colors

Available in a variety of colors and special colors on demand over a certain amount.

Packing

Sets of 6kg & 12kg in tin cans (components A&B have fixed weight proportion).

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Storage Stability 3 years (5-45°C) in sealed tin cans.

Safety Precautions See Safety Data Sheets.

Auxiliary Materials

- Epoxol[®] Primer: Set 5kg, 10kg
- Epoxol[®] Primer SF: Set 10kg
- Neopox[®] Primer AY: Set 5kg
- Epoxol[®] Putty: Set 1kg, 6kg, 20kg
- Solvent Neotex 1021: Tin cans 1kg, 5kg, 20kg



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