

Neopox[®] Deco

Two-component, solvent-based epoxy coating with metallic effect, suitable for decorative purposes

Fields of application	Suitable for use on building and metallic surfaces. The product can be applied using spray gun, on floors and walls of shops, offices, stores, metallic constructions and gives the metallic effect on the substrate.
Properties / Advantages	<ul style="list-style-type: none">• It offers high hardness, abrasion and yellowing resistance• Very good adhesive strength.• It meets the architectural aesthetic requirements.• Compliant with the regulation 2004/42/EC for limitation of V.O.C. in paints and varnishes.
Technical Characteristics	
Appearance	Semi-glossy
Density	Component A: 1,07 - 1,12gr/cm ³ Component B: 0,90gr/cm ³
Mixing ratios (weight prop.)	70A:30B
Consumption (in two layers)	250-330gr/m ²
Hardening time (tack free) (25°C)	3 hours
Pot life (+25°C)	1 hour
Dry to recoat (+25°C)	18-24 hours
Temperature of application	From +12°C to +35°C
Walkability (+25°C)	24 hours
Total hardening (+25°C)	~ 7 days
Abrasion Resistance	57 mg - Taber Test ASTM D 4060 (CS 10/1000/1000)
Adhesion Strength (EN 13892-8)	≥2,5N/mm ²
Resistance to temperature change (Dry loading)	From -50°C to +140°C

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Instructions for use

Construction surfaces: The surface should be rough (not smooth) leveled (e.g. with epoxy putty **Epoxol[®]**), free from dust, dirt, greasy and oily substances. The use of a primer is not necessary for cement based substrates. Instead, apply one coat of Neopox[®] Deco diluted 8% with solvent **Neotex[®] 1021**. Before applying, mix both components (A&B) thoroughly with mixer (3-5 minutes) and apply the paint within 1 hour by spray gun. After 18-24 hours, apply the second coat diluted 4-8 % with solvent **Neotex[®] 1021** (if a third coat is required, dilute 4%).

Metallic surfaces: Clean the surface from rust by sandblasting or with the use of a wire brush. Afterwards apply one coat of **Neopox[®] Special Primer 1225** (mixing ratio 80A:20B) diluted 5% with solvent **Neotex[®] 1021** to protect against rust. Before applying the primer, mix both components (A&B) thoroughly with mixer (3-5 minutes) and apply within 3 hours by brush, roller or spray gun. Then apply two coats of **Neopox[®] Deco**, allowing drying for 18-24 hours between the coats.

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**)
- The product should not be applied at temperatures <+12°C, at relative atmospheric humidity >70%, at surface humidity content >4%, or if humid conditions are expected to prevail during the curing period of the paint film.
- Total hardening of the film occurs after 7 days (+25°C)
- Allow at least 4 weeks to pass between casting new concrete structures and painting them with the product
- 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 2-3 days otherwise it is suggested to scrub lightly the freshly painted layer to avoid possible adhesion problems.

Cleaning of tools

Use solvent **Neotex[®] 1021** immediately after application.

Stain removal

Use solvent **Neotex[®] 1021** when the stain is still fresh and damp. In case of hardened stains, use mechanical means.

Packing

Sets of 5kg tin cans (components A&B have fixed weight proportion).

Storage stability

3 years (+5°C to +45°C) in sealed tin cans.