NEOTEX®

ESTABLISHED IN 1959 CONSTRUCTION CHEMICALS

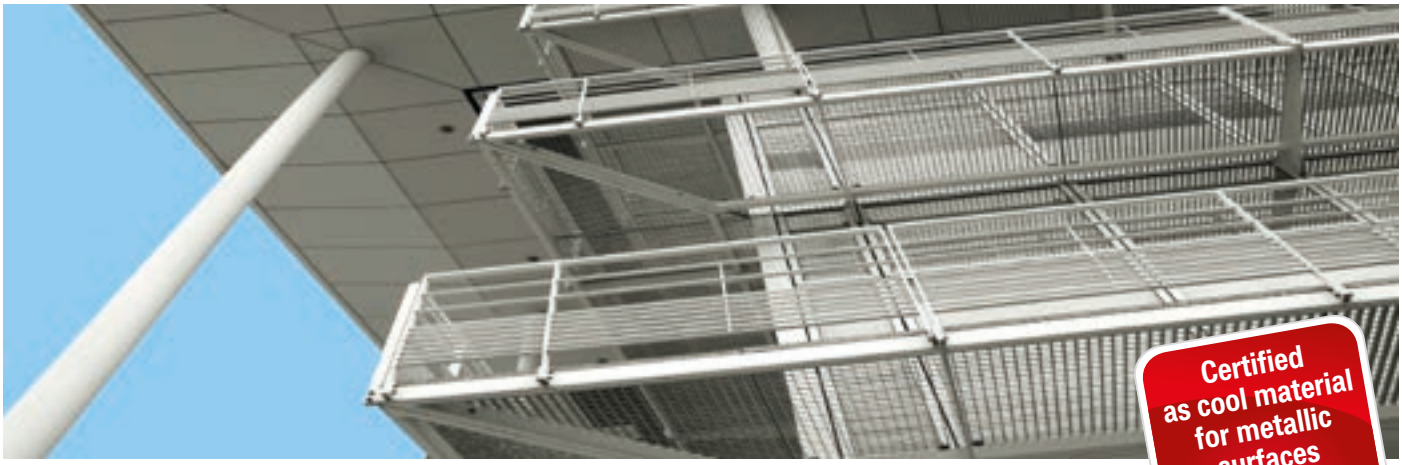
Neodur®

Polyurethane Protection Systems

Neodur®

Two component polyurethane top coat paint suitable for metallic and wood surfaces. It is ideal for polyester boats

Neodur is a finish coat which exhibits high strength, abrasion resistance and durability against petroleum products, sea water and UV radiation. It has strong adhesion, excellent hardness and long lasting durability against weathering



TECHNICAL CHARACTERISTICS

- Polyurathane paint
- Density: 1,28 g/cm^3
- Mixing ratios (weight prop.): 87A: 13B
- Consumption: 150 gr/m^2 per layer
- Drying time: 2-3 hours at 25°C (low temperatures and high humidity during application prolong drying time)
- Dry to recoat: after 12 hours at 25°C
- Solids % by weight: 55% – 67 % depends on the shade
- Total Reflectance (SR%): 88%(300-2500 nm)* (White)
- Total Emittance: 0,86 (ASTM E408-71) (White)
- Solar Reflectance Index (SRI): 111 (ASTM E1980-01) (White)

*(ASTM E903-96), (ASTM G159-98)

APPLICATION FIELDS - USES

- Certified (White color) as cool roof material on metallic surfaces
- Suitable for painting metallic surfaces in urban, industrial and marine environments, such as:
  - Metallic fences
  - Metallic doors and supports
  - Pipes
  - Metallic elements of building facades
  - Metallic masts and silos
- Especially suitable for paint and renovation of metallic roofs and roof tiles. As a certified cool roof material, it offers thermal insulation in areas such as:
  - Traditional residences with metallic roof tiles
  - Auxiliary spaces with metallic roofs
  - Livestock accommodation spaces: stables, pigsties, poultry farms
- Ideal for freeboard boat surfaces built from metal or polyester

Packing: 1 kg, 5 kg

Colours

RAL shades are available upon request.

RAL 9003	RAL 9005	RAL 9010	RAL 7040
RAL 3009	RAL 5013	RAL 5015	RAL 6009

The shades are only indicative; any differences between their appearance on the catalog and on the painted surface are due to the printing technique.

AUXILIARY MATERIALS

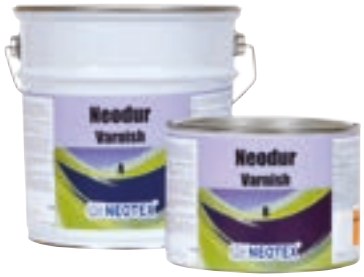
Neotex® 1021: Tin cans of 1kg, 5kg and 20 kg

Neopox® Special Primer 1225: Two component anticorrosive primer based on epoxy and polyamide resins.
Tin cans of 1kg, 5kg, 10kg
Consumption: 140-170 gr/m^2 per layer

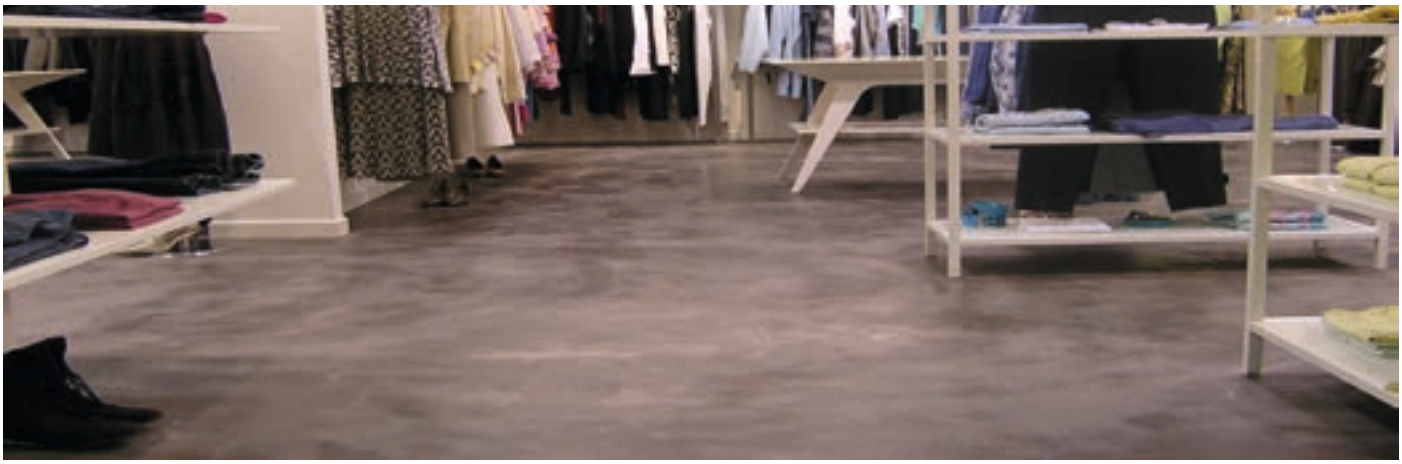
Wash Primer W: New technology adhesion primer for galvanized surfaces, copper, aluminum, tinplate. Water soluble one-component, user and environment friendly.
Consumption: 95-115 ml/m^2 per layer

Neodur® Varnish

Two component, polyurethane clear varnish, cured with aliphatic polyisocyanates



Longterm resistance to solar radiation. Does not yellow or lose its shine, even after many years. High chemical and mechanical resistance (thin acids, alcalis). Very good adhesion on polyester and galvanized metal sheets.



TECHNICAL CHARACTERISTICS

- Polyurethane varnish
- Color: transparent
- Density: 0,98 g/cm^3
- Mixing ratios (weight prop.): 7,2A: 2,8B (gloss)
- Mixing ratios (weight prop.): 7,6A: 2,8B (mat)
- Taber abrasion (CS 10/1000/1000): 42 mg
- Consumption: 125-165 gr/m^2
- Drying time: 2-3 hours (low temperatures and high humidity during application prolong drying time)
- Dry to recoat: after 24 hours
- Walkability: 12-18 hours at 25°C
- Pot life: 2 hours at 25°C

APPLICATION FIELDS - USES

- Protection of decoration cement
- Protection of internal and external low stress surfaces
- Compatible with **Neopox® Pool**, as an added protection means against UV
- Protection and exposure of stone surfaces
- Suitable for protection of decorative bricks

Packing: Set of 1kg,5kg

VARIATIONS

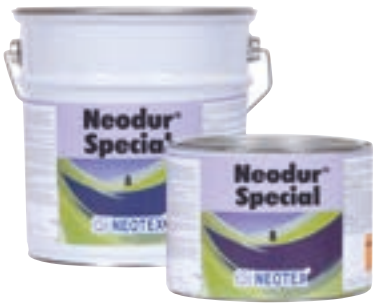
Neodur® Varnish Mat
Two-component, water based, polyurethane transparent varnish in mat version, suitable for internal or external surfaces.
Consumption: 125-165 gr/m2 per layer

Neodur® Varnish W
Two-component, water based, polyurethane transparent varnish, cured with aliphatic polyisocyanates.
Consumption: 125-165 gr/m^2 per layer

Neodur® Special

NEW

Aliphatic polyurethane, solvent-based paint, suitable for external flooring applications



Neodur® Special has great resistance to UV radiation. Does not yellow or develop chalkbrood. It has high chemical (thin acids, alcalis) and mechanical resistance.

TECHNICAL CHARACTERISTICS

- Appearance: Semi-gloss
- Density: 1,25-1,30 g/cm^3
- Mixing ratios (weight prop.): 75A:25B
- Consumption: 0,350 kg/m^2, for two layers
- Drying time (25°C): 3 hours
- Dry to recoating: 24 hours
- Pot life (25°C): 1 hour
- Walkability: 24 hours (The final hardening of the material is achieved after 7-10 days)
- Abrasion resistance: 58 mg (Taber test CS 10/1000/1000)
- Adhesion strength: ≥ 3 N/mm^2 (concrete)

APPLICATION FIELDS - USES

- Outside loading and unloading spaces
- Perimeter spaces of factories
- Outside parking spaces
- Ramps
- Configuration of external shopping spaces
- External spaces of car washes, garages, gas stations
- Configuration of outside spaces in houses

Colours

RAL 9003 | RAL 1013 | RAL 7047 | RAL 7040 | RAL 3009

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AUXILIARY MATERIALS

Epoxol® Primer: Two component solvent-based epoxy primer.
Consumption: 150-200gr/m^2 per layer

Neotex® PU 0413: Special thinner suitable for thinning polyurethane paint
Container of 1 kg

Your confidence...
is not a coincidence!

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