

Neopox[®] Primer AY

Solvent-free anti-osmotic epoxy primer

Fields of application **Neopox[®] Primer AY** is a solvent-free epoxy anti-osmotic primer that offers a permanent solution in areas with rising humidity. Suitable for surfaces that are to be coated with resinous flooring systems (e.g. **Epoxol[®] Floor**)

Properties

- Two-component epoxy primer (100% solids) with high abrasion resistance.
- It is resistant to abrasion and chemicals (alkalis, dilute acids, water and several solvents).
- It can be applied to surfaces with high humidity (8%). It presents a very strong adhesion, even on high humidity, from the rising damp concrete.

Technical Characteristics

Appearance	Glossy, clear, yellowish
Density (EN ISO 2811.01)	Component A: 1,07gr/cm ³ Component B: 1,01gr/cm ³
Mixing ratio (weight proportion)	3A : 2,05B
Consumption (on horizontal surfaces)	400-500gr/m ² per layer (depending on substrate absorptivity)
Drying time (+25°C)	6 hours
Pot life (+25°C)	30 minutes
Dry to recoat (+25°C)	24 hours
Walkability (+25°C)	24 hours
Total hardening (+25°C)	~ 7 days
Adhesion resistance	≥2,5N/mm ²
Resistance to rising humidity. Test method (DIN EN 13578)	Successful

V.O.C. limit acc. to the E.U. Directive 2004/42/CE for this product of category AjSB "Two-Pack reactive performance coatings": 500g/l (Limit 1.1.2010). V.O.C. content of the ready to use product <500g/l.

Instructions for use *Surface Preparation:* The surface must be stable, clean, dry (rising moisture <8%, without ponding water) and free of dust, oil, grease and loose materials. Even on new concrete surfaces, proper mechanical preparation of the substrate (grinding, shotblasting etc.) is necessary to smooth irregularities, open pores and create conditions for better adhesion. Surfaces should be flat, smooth and

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continuous (i.e. without holes, cracks, etc.). Otherwise, they should be repaired with suitable repair materials, such as **Epoxol[®] Putty**.

Application: Components A&B are mixed at the predetermined ratio and stirred for app. 3-5 minutes with a low speed electric stirrer until the mixture is homogeneous. The surface is then covered by roller or brush. **Neopox[®] Primer AY** should cover the entire surface and not just part of it, in order to isolate any possible passage for rising moisture.

Notes

- *Application conditions:* Surface moisture: <8%, Relative atmosphere moisture: <70%, Ambient and substrate temperature: +12°C min. / +35°C max.
- **Neopox[®] Primer AY** should not be applied under wet conditions, or if wet conditions are expected to prevail during the curing period of the product
- Low temperatures and high humidity during application prolong the drying time. while high temperatures reduce it

Packing

Sets of 5,05kg and 1kg.

Cleaning of tools & stain removal

By **Neotex[®] 1021** immediately after application

Safety precautions

See safety data sheets

Storage stability

2 years, stored in its original sealed packing, protected from frost, humidity and exposure to sunlight.