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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/mm²
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	<i>Surface Preparation:</i> 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.

- *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.

The information supplied in this datasheet, concerning the uses and the applications of the product, is based on the experience and knowledge of NEOTEX[®] SA. It is offered as a service to designers and contractors in order to help them find potential solutions. However, as a supplier, NEOTEX[®] SA does not control the actual use of the product and therefore cannot be held responsible for the results of its use. As a result of continual technical evolution, it is up to our clients to check with our technical department that this present data sheet has not been modified by a more recent edition.

Notes