

Acqua Primer

Water-based epoxy primer for concrete surfaces

Description	Two-component water-based epoxy primer, suitable also for surfaces with high moisture content
Fields of application	<ul style="list-style-type: none">Floors and walls which will be covered with resinous coatings and systems (Epoxol[®], Neopox[®], Neodur[®])Floors, walls and joints prior to sealing them with epoxy repairing materials Epoxol[®] Putty and Epoxol[®] Liquid, for adhesion improvementAs an anti-dust sealer on old cement-based surfaces which require stabilization
Technical Characteristics	
Appearance	transparent, yellowish
Density (EN ISO 2811-01)	1,062±0,03kg/L
Mixing ratio (weight proportion)	100A:40B
Adhesion strength (EN 13892-8)	≥2,5N/mm ²
Drying time (+25°C)	6 hours
Pot life (+25°C)	1 hour
Dry to recoat (+25°C)	after 24 hours
Walkability (+25°C)	24 hours
Total hardening (+25°C)	~7 days
Consumption	120-160gr/m ² , for one coat (depending on substrate absorptivity)

V.O.C. limit acc. to the E.U. Directive 2004/42/CE for this product of category AjWB "Two-Pack reactive performance coatings": 140g/l (Limit 2010). V.O.C. content of the ready to use product <140g/l.

Instructions for use

Surface preparation: The surface must be stable, clean, dry, protected from rising moisture and free from 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 continuous (i.e., without holes, cracks, etc.). Otherwise, they should be repaired with suitable repairing materials, such as **Epoxol**[®] **Putty**.

Priming application: **Acqua Primer** components A & B are mixed at the predetermined ratio and stirred for app. 2-3 minutes with a low-speed electric stirrer until the mixture is homogeneous. The surface

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is then covered by roller or brush. diluted with pure water 10-15% per weight.

Notes

- Application conditions: Surface moisture: <8%, Relative atmospheric humidity: <70%, Ambient and substrate temperature: +12°C min. / +35°C max.
- Low temperatures and high humidity during application prolong drying time, while high temperatures reduce it
- Due to the nature of the material, its direct and continuous exposure to UV radiation may cause chalking over time
- It is always recommended to allow at least 4 weeks to pass between casting new concrete structures and coating them with **Acqua Primer**

Packing

Sets of 14kg, 7kg and 0,7kg (components A&B have fixed weight proportion).

Cleaning of tools

Use water immediately after application.

Stain removal

Use water when the stain is still fresh and damp. In case of hardened stains, use mechanical means.

Safety Precautions

See Safety Data Sheets.

Storage stability

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

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CE

NEOTEX S.A.
V.Moira str., P.O. Box 2315
GR 19600 Industrial Area Mandra, Athens, Greece

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EN 13813 SR-B2,0

Acqua Primer

Synthetic resin primer

Release of corrosive substances	SR
Impact Resistance	NPD
Bond strength	B2,0
Wear Resistance Böhme	NPD
Reaction to fire	NPD

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