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Acqua[®] Primer

Water-based epoxy primer for concrete surfaces

Fields of application	Floors and walls (of factories, laboratories, warehouses, superstores, parking places, garages, slaughterhouses, larders, hospitals, schools, etc.), which will be covered with epoxy paints and systems (Epoxol [®] Floor, Neopox [®]) και generally on floors which need high mechanical and chemical resistance. Also suitable for stabilization of old cement-based surfaces and adhesion improvement of sealants (e.g. Epoxol[®]) on construction joints. It can be applied to surfaces with humidity.
Properties	Two-component, water-based epoxy primer with high hardness and abrasion resistance. It offers good resistance to alkalis, diluted acids, water and many solvents.
	Compliant with the regulation 2004/42/EC for limitation of V.O.C. in paints and varnishes.
Technical Characteristics	
Appearance	Gloss, transparent, yellowish
Density (EN ISO 2811.01)	Component A: 1,02 g/cm ³
	Component B: 1,13 g/cm ³
Mixing ratio (weight proportion)	100A:40B
Consumption	120-160gr/m ² , for one coat (depending on substrate absorptivity)
Drying time (+25°C)	6 hours
Pot life (+25°C)	1 hour
Dry to recoat	after 24 hours (+25°C)
Temperature of application	$+12^{\circ}$ C to $+35^{\circ}$ C
Walkability	24 hours (+25 ⁰ C)
Total hardening	~7 days (+25 ⁰ C)
Adhesive strength	≥2,5 N/mm ²
Instructions for use	Surface preparation: Surface should be also free from dust, dirt, greasy and oily substances. Therefore, it should be brushed, grinded or sandblasted and after that cleaned with vacuum cleaner. Moreover, imperfections of new surfaces should be smoothened with pulveriser for lower material consumption and achieving better adhesion properties.

Application: Acqua[®] Primer (thinned 5-10% per weight with water) is

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applied in one layer with roller, brush or spay

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	applied in one layer with foller, brush of spay
	Before priming, the primer components A&B should be added and stirred thoroughly with low revolution mixer (2-3 minutes).
Notes	 Low temperatures and high humidity during application prolong drying time, etc.
Į	 Allow at least 4 weeks to pass between casting new concrete structures and painting them with the product.
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.
Packing	Sets of 7kg in tin cans (components A&B have fixed weight proportion).
Storage stability	3 years (5-45°C) in sealed tin cans.

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