

W610 AQUA EPOXY PRIMER

Description	<p>Water-based, two component, epoxy primer, for the preparation of cement floor professional and industrial premises, swimming pool, industrial plant etc. It presents very good adhesion and high penetration. Penetrates into the cement, filling its pores, resulting into a long term protection from water, acid and alkaline solutions and promotes its mechanical properties. It contains no solvents, is non-flammable and safe and therefore can be applied in areas with poor ventilation.</p> <p>Suitable as anchor primer for all epoxy flooring systems, and for the polyurethane coatings 1 and 2 components.</p> <p>It acts as a water and vapor barrier, making it ideal for applications where rising humidity or negative pressure (tanks, pools, foundations, etc.). It is unique solution for fresh cement surfaces.</p>																			
Technical Information	<table><tr><td>Shade</td><td>Transparent (before mixing A+B)</td></tr><tr><td>Solids</td><td>(A+B) 40% (EN ISO 3251, non volatile)</td></tr><tr><td>Mixing ratio</td><td>A:B – 1:4 by weight</td></tr><tr><td>Pot Life</td><td>60-90 min (20°C). With increasing temperature decreases pot life</td></tr><tr><td>Specific Weight</td><td>1,04 kg/ltr (EN ISO 2811)</td></tr><tr><td>Adhesive strength</td><td>>3 N/mm² - breaking concrete</td></tr><tr><td>Resistance to abrasion</td><td>120 mg (EN ISO 7784-2 , Taber test, 1000 speeds)</td></tr><tr><td>Theoretical cover</td><td>For cement impregnation 0,100-0,200 kg/ m²</td></tr><tr><td>VOC</td><td>READY FOR USE MAXIMUM: 0 g/ltr EU LIMITS (2010): 140/ltr Subcategory: h –binding primers, Type Y</td></tr></table>	Shade	Transparent (before mixing A+B)	Solids	(A+B) 40% (EN ISO 3251, non volatile)	Mixing ratio	A:B – 1:4 by weight	Pot Life	60-90 min (20°C). With increasing temperature decreases pot life	Specific Weight	1,04 kg/ltr (EN ISO 2811)	Adhesive strength	>3 N/mm² - breaking concrete	Resistance to abrasion	120 mg (EN ISO 7784-2 , Taber test, 1000 speeds)	Theoretical cover	For cement impregnation 0,100-0,200 kg/ m²	VOC	READY FOR USE MAXIMUM: 0 g/ltr EU LIMITS (2010): 140/ltr Subcategory: h –binding primers, Type Y	
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Surface preparation	<p>The surface where the product will be applied on must be completely dry and free from materials that prevent bonding as detached pieces, dust, oil, grease etc, sheltered from the rear moisture attack.</p>																			
Application	<p>Mixed A: B-1:4 by weight. The two components should be mixed for 2-3 minutes using a mechanical stirrer in low speed. It is important to stir the mixture thoroughly near the sides and bottom of the container, to achieve uniform dispersion of the hardener.</p> <p>During the mixing should be used low speed for a short time in order to avoid the risk of developing high temperatures in the mixture, which would lead to reduction of pot life - steep polymerization and destruction of the material. Dillution 20-40% with water is required. The dilution with the water must be done after the mixing of the two components A+B. Upon mixing of the two components, the mixture takes on a milky appearance, which is absolutely normal.</p> <p>Applied in one coat by brush or roller undiluted, thoroughly saturating substrate, while avoiding the creation of "lakes"</p> <p>Consumption : 0,100-0,200 kg/m²/ layer</p> <p>To create a water barrier wet, apply 3 coats (total consumption is about 0,600 kg/ m²) The primed surface is ready for a minimum recoating after 12 hours-maximum after 36 hours.</p> <table><tr><td>Application temperature</td><td>10-30°C</td></tr><tr><td>Suggested thinners</td><td>Water 20-40%</td></tr></table>		Application temperature	10-30°C	Suggested thinners	Water 20-40%														
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Application humidity < 70% relative humidity
Surface humidity < 8%
Clean the tools right after its use with the suggested thinners

Storage

Up to 12 months in a dry and cool place (5-30°C)

Safety

Please consult the Material Safety Data Sheet. Available upon request.

This Technical Data Sheet replaces and cancels every previously issued.

The information, instructions, recommendations and specifications mentioned in this data sheet, represent the results and experience obtained from testing under controlled or specially adapted conditions.

The accuracy and relevance of these results to the actual conditions, in which you apply the product, must be determined and depend only on the purchaser and/or applicator.