

W620 AQUA EPOXY COAT

Description	<p>Water-based, two-component epoxy paint, suitable for painting cement floor professional and industrial indoor and also for metallic surfaces (garages, petrol stations, laboratories). It presents high mechanical and chemical resistance, anticorrosion protection, high elasticity, hardness and abrasion resistance. It is suitable for applications in confined spaces and general where the presence of solvents is not desirable</p> <p>It is certified by European institute according to Regulation (EU) No. 10/2011 and Regulation (EU) No. 1935/2004 which refers to the suitability for contact with drinking water and foodstuff.</p>																
Τεχνικά Δεδομένα	<table border="0"> <tr> <td>Shade</td> <td>White</td> </tr> <tr> <td>Gloss</td> <td>Glossy</td> </tr> <tr> <td>Solids</td> <td>50% (±2) by volume - 68% (±3) per weight</td> </tr> <tr> <td>Mixing ratio</td> <td>A:B – 1:5 by weight</td> </tr> <tr> <td>Pot Life</td> <td>1hr (25°C) - 3 hrs if 10% diluted with water (25°C) with temperature increasing, pot life is shortened</td> </tr> <tr> <td>Specific Weight</td> <td>(A+B) 1,40 ±0,05 kg/lt</td> </tr> <tr> <td>Theoretical cover</td> <td>3,6 m²/kg ή 0,28 kg/m² (100µm – A+B)</td> </tr> <tr> <td>VOC</td> <td>VOC (Volatile Organic Compounds) Ready for use (A+B+10% dilution) Maximum: 0 g/lt EU LIMITS (2010): 140g/lt SUBCATEGORY: I - Special two-component coatings, coating concrete floors, type Y</td> </tr> </table>	Shade	White	Gloss	Glossy	Solids	50% (±2) by volume - 68% (±3) per weight	Mixing ratio	A:B – 1:5 by weight	Pot Life	1hr (25°C) - 3 hrs if 10% diluted with water (25°C) with temperature increasing, pot life is shortened	Specific Weight	(A+B) 1,40 ±0,05 kg/lt	Theoretical cover	3,6 m ² /kg ή 0,28 kg/m ² (100µm – A+B)	VOC	VOC (Volatile Organic Compounds) Ready for use (A+B+10% dilution) Maximum: 0 g/lt EU LIMITS (2010): 140g/lt SUBCATEGORY: I - Special two-component coatings, coating concrete floors, type Y
Shade	White																
Gloss	Glossy																
Solids	50% (±2) by volume - 68% (±3) per weight																
Mixing ratio	A:B – 1:5 by weight																
Pot Life	1hr (25°C) - 3 hrs if 10% diluted with water (25°C) with temperature increasing, pot life is shortened																
Specific Weight	(A+B) 1,40 ±0,05 kg/lt																
Theoretical cover	3,6 m ² /kg ή 0,28 kg/m ² (100µm – A+B)																
VOC	VOC (Volatile Organic Compounds) Ready for use (A+B+10% dilution) Maximum: 0 g/lt EU LIMITS (2010): 140g/lt SUBCATEGORY: I - Special two-component coatings, coating concrete floors, type Y																
Drying Time (25°C)	<table border="0"> <tr> <td>Drying</td> <td>8-16 hr (100µm)</td> </tr> <tr> <td>Walk time</td> <td>1-2 days (100µm)</td> </tr> <tr> <td>Full Drying</td> <td>5-7 days (100µm)</td> </tr> <tr> <td>Recoating</td> <td>Minimum 8 hr – Maximum 36 hr</td> </tr> <tr> <td>Minimum hardening temperature</td> <td>10 °C</td> </tr> </table> <p><i>(The above times are indicative and depend on the thinning percentage, moisture and temperature)</i></p>	Drying	8-16 hr (100µm)	Walk time	1-2 days (100µm)	Full Drying	5-7 days (100µm)	Recoating	Minimum 8 hr – Maximum 36 hr	Minimum hardening temperature	10 °C						
Drying	8-16 hr (100µm)																
Walk time	1-2 days (100µm)																
Full Drying	5-7 days (100µm)																
Recoating	Minimum 8 hr – Maximum 36 hr																
Minimum hardening temperature	10 °C																
Surface Preparation	<p>METAL SURFACES: Metallic surfaces must being cleaned from rust by sandblasting at least Sa 2 according to standard ISO 8501-1 or for prolonged exposure of the surface, blasted Sa 2 ½ with 30mm profile. After blasting should be cleaned thoroughly to remove all foreign matter. For previously painted surfaces recommended rub (matting surface) to achieve the adhesion for the application of the coating. Recommended as a bare first layer of paint film thickness of about 20-30 microns. Substrates Zinc dust Rich Epoxy Primer 751 and Epoxy Primer 812 are recommended for demanding corrosion protection of metal surfaces.</p> <p>CEMENT SURFACES: The concrete surfaces are often covered by a layer of plaster or sprinkled with cement. These layers are weaker than the heart of cement, which is loosely clasped. Such layers should be removed entirely</p> <p>The surface where the product will be applied on should be must be completely dry and free from materials that prevent bonding as frail pieces, dust, oil, grease etc, sheltered from the rear moisture attack. Priming the surface to be treated is a layer with a brush or roller with the 850 epoxy primer , or 860 solvent-free epoxy primer or W 610 aqua epoxy primer.</p> <p>Upon application of the substrate must take 24 hours to apply the final coating.</p>																
Uses	Apply the epoxy W 620 (A + B) as brushable coating roller in one or two layers thick film approximately 100 microns per coat. Painted surfaces shouldn't be wet before drying achieved.																
Mixing	Thoroughly mixed components A: B-1: 5 by weight. Proposed use mechanical stirrer. 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. 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 If dilution is required add 5-10% water. The dilution with the water must be done after the mixing of the two components A+B.

Notes	application temperature 10-30°C Application humidity < 70% relative humidity Surface humidity <4% Humidity can generate whitening and / or tacky surface, as well as affect the drying time. Where overcome their recoat should surfaces be properly prepared (cleaning, roughening with sandpaper) before recoating
Storage	For 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