

Wet/Dry 700™ Epoxy TECHNICAL DATA

SOLVENT-FREE EPOXY PASTE

**Protective Coating
Sealant
Patching**

**Solvent-Free
Easy 1:1 Mixing Ratio
Works Underwater
Kevlar™ Reinforced
VOC Class: Mastic VOC = 0 g/l**

<p>STANDARD PRODUCT DESCRIPTION</p>	<p>Wet/Dry 700™ epoxy is a 100% solids, non-regulated, Kevlar™ reinforced epoxy coating system designed for coating and repairing surfaces that may be subjected to constant immersion in water. Wet/Dry 700 will bond to water saturated concrete, and is resistant to sewer gasses, pool chemicals, sulfur based chemicals, dilute acids and most caustics, and most hydrocarbon solvents (diesel, mineral spirits, etc.). Chemical resistance is representative of high end Bis. A epoxies.</p>																																				
<p>USES</p>	<p>Swimming Pools Marine environments Docks, fiberglass and wood boats Sewers, tunnels, dams, spillways Underground concrete structures Steel and concrete piping</p>																																				
<p>FEATURES</p>	<p>Excellent chemical resistance Convenient 1:1 ratio by volume or 1:0.83 by weight (base/cure) Superior adhesion to cold, damp surfaces</p>																																				
<p>VISCOSITY</p>	<p>Viscosity at 72°F: Part A: gel Part B: gel Mixed: gel</p>																																				
<p>PHYSICAL PROPERTIES</p>	<table border="0"> <tr> <td>COMPRESSIVE STRENGTH</td> <td>ASTMD695</td> <td>10,500 psi</td> </tr> <tr> <td>TENSILE STRENGTH</td> <td>ASTMD638</td> <td>5,200 psi</td> </tr> <tr> <td>ABRASION RESISTANCE</td> <td></td> <td></td> </tr> <tr> <td>CS-17 WHEEL, 1 kg LOAD</td> <td>ASTMD4060</td> <td>0.20 gm loss</td> </tr> <tr> <td>WATER ABSORPTION</td> <td>ASTMD570</td> <td>0.19 %</td> </tr> <tr> <td>(2 hour boil)</td> <td></td> <td></td> </tr> <tr> <td>FLEXURAL STRENGTH</td> <td>ASTMD790</td> <td>4,900 psi</td> </tr> <tr> <td>SHORE D HARDNESS</td> <td>ASTMD2240</td> <td>88</td> </tr> <tr> <td>HEAT DISTORTION</td> <td>ASTMD649</td> <td>122° F</td> </tr> <tr> <td>TEMPERATURE</td> <td></td> <td></td> </tr> <tr> <td>BOND STRENGTH TO CONCRETE</td> <td></td> <td>100% concrete failure</td> </tr> <tr> <td>LAP SHEAR</td> <td></td> <td>2,200 psi</td> </tr> </table>	COMPRESSIVE STRENGTH	ASTMD695	10,500 psi	TENSILE STRENGTH	ASTMD638	5,200 psi	ABRASION RESISTANCE			CS-17 WHEEL, 1 kg LOAD	ASTMD4060	0.20 gm loss	WATER ABSORPTION	ASTMD570	0.19 %	(2 hour boil)			FLEXURAL STRENGTH	ASTMD790	4,900 psi	SHORE D HARDNESS	ASTMD2240	88	HEAT DISTORTION	ASTMD649	122° F	TEMPERATURE			BOND STRENGTH TO CONCRETE		100% concrete failure	LAP SHEAR		2,200 psi
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SOLVENT-FREE COATINGS FOR TOUGH ENVIRONMENTS

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CURE SCHEDULE	POT LIFE @ 75°F 70 - 80 minutes TACK FREE 6 hours RECOAT 6 to 48 hours
SURFACE PREPARATION	Surface to be topcoated must be clean and free of oils, grease and loose contamination.
APPLICATION	Mix Wet/Dry 700 epoxy base with the Wet/Dry 700 curing agent. Use a mechanical mixer if possible to ensure thorough mixing. The mixing ratio is 1/1 (base/curing agent) by volume or 1/0.83 by weight. Wet/Dry 700 does not require a 'sweat-in' or induction time and the mixed components should be used immediately. Potlife is approximately 70-80 minutes at 75°F, so mix only the amount of epoxy that can be easily applied within that time limit. Apply using a squeegee. Wet/Dry 700 is suitable for horizontal surfaces and vertical surfaces.
NOTES	Unless top-coated with a UV absorber, this epoxy will yellow in sunlight. The surface of the part B curing agent will turn brown with exposure to air. This does not affect the performance or properties of the epoxy. As with all epoxies, Wet/Dry 700 is volume and temperature sensitive. A greater volume of mixed epoxy will have a shorter pot life than a smaller volume. Therefore mix up only the volume you can comfortably apply within 20 minutes. Also the hotter temperature, the less pot life you will have. Read the 'Tips and Tricks' for additional epoxy information.
TRANSPORT	Epoxy base - Nonregulated by USDOT, IATA & IMO. Curing agent - USDOT, IATA & IMO "Regulated". Class 8, Packing group III, UN 3145, Corrosive. Curing agent quantities of under 4 liters is ORM-D exempt for ground shipment.

SAFETY: This is a hazardous material if misused. Read and understand the Material Safety Data Sheet (MSDS) before use.

WARRANTY DISCLAIMER: The technical data given herein has been compiled for your help and guidance and is based upon our experience and knowledge. However, as we have no control over the use to which this information is put, no warranty, express or implied is intended or given except that these goods shall be of merchantable quality and buyer assumes all risk and liability for results obtained by the use of the materials covered in this data sheet, whether used singly or in combination with other products. We assume no responsibility whatsoever for coverage, performance or damages, including injuries resulting from use of this information or of products recommended herein. The sale and use of this product is governed by Progressive Products, Inc.'s Warranty Disclaimer and Return Policy.

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