

Description:	A 100% solids, 2-component, self-leveling, high impact, high abrasion floor coating with a chemical-resistant finish			
Intended Use:	For Indutrial Use: Bonds steel, aluminum, stainless steel, galvanized steel, concrete, wood, glass, ABS, and urethanes with no primers.			
Features:	Room Temperature Cure			
Limitations:	Suitability of product is determined by the end user for their application and process. When dispensing through a pneumatic gun use only 30-35 psi of pressure for good mixing. (0.2 Mpa) Use Devcon's #14291 mix nozzle with our pneumatic gun, and #14293 with our manual gun for efficient mixing Shelf Life: 1 Year			
Typical Physical	Technical data should be considered represer	be considered representative or typical only and should not be used for specification purposes.		
Properties:	Cured 7 Days @ 75°F (24°C) Adhesive Tensile Lap Shear[ABS] Adhesive Tensile Lap Shear[AL] Adhesive Tensile Lap Shear[GBS] Adhesive Tensile Lap Shear[GBS] Adhesive Tensile Lap Shear[GBS] Adhesive Tensile Lap Shear[GBS] Adhesive Tensile Lap Shear[SMC] Adhesive Tensile Lap Shear[SS] Adhesive Tensile Shear[galv. mt] Cure Shrinkage Dielectric Strength Gap Fill Hardness Service Temperature Solids by Volume Tear Resistance Tensile Elongation Tensile Strength Tpeel Decel Color Coverage (10 mil / 0.254 mm) Fixture Tim Full Cure Functional Cure Mix Ratio by Volume Mix Ratio by Volume Mix Ratio by Weight Mixed Density Mixed Viscosity Specific Volume Viscosity Working Time	<b>Typical Values</b> 630 psi, 4 MPa (Subst. Fail.) 1,270 psi (8.8 MPa) 1,200 psi (8.2 MPa) 2,750 psi (19 MPa) Substrate Failure 895 psi (6 MPa) 1,840 psi (12.7 MPa) 1,575 psi (10.9 MPa) 0.0014 in/in (cm/cm) 350 good 63 Shore D (-40 to 93°C ) -40°F to 200°F 100 400 pli 200% 2,100 psi (14.5 MPa) 65-75 pli (11-13 N/mm) Grey 6 in2/mL (38.7 cm2/mL) 45 minutes 24 hours 4 hours 1:01 11.75 lb/gal (1.41 g/cm3) 45,000 cps 19.6 in3/lb (0.71 cm3/g) Resin: 45,000 cps: Curing Agent: 45 5 min. @ 75°F (24°C)	Standard Tests Adhesive Tensile Shear ASTM D 1002 Dielectric Strength, volts/mil ASTM D 149 Tear Resistance ASTM D 624 Tensile Strength (Epoxies) ASTM D 638 Cured Hardness Shore D ASTM D 2240 Maximum Elongation ASTM D 412 Cure Shrinkage ASTM D 2566 T-Peel Strength ASTM D 1876	
Surface Preparation:	Clean surface by solvent-wiping any deposits of heavy grease, oil, dirt, or other contaminants. Surface can also be cleaned with industrial cleaning equipment such as vapor phase degreasers or hot aqueous baths. If working with metal, abrade or roughen the surface to significantly increase the microscopic bond area and increase the bond strength.			
Mixing Instructions:	Proper homogenous mixing of resin and hardener is essential for the curing and development of stated strengths			
	<ul><li>25 ML DEV-TUBE</li><li>1. Squeeze material into a small container the size of an ashtray.</li><li>2. Using mixing stick included on Dev-tube handle, vigorously mix components for one (1) minute</li><li>3. Immediately apply to substrate.</li></ul>			
	<ul> <li>50 ML/400ML/490 ML CARTRIDGES</li> <li>1. Attach cartridge to Mark V ™ [50ml] 400ml manual or pneumatic dispensing systems.</li> <li>2. Open tip.</li> <li>3. Burp cartridge by squeezing out some material until both sides are uniform (ensures no air bubbles are present during mixing).</li> <li>4. Attach mix nozzle to end of cartridge.</li> <li>5. Apply to substrate.</li> </ul>			

Application Instructions:	<ol> <li>Mount cartridge onto manual gun or pneumatic gun</li> <li>Attach mix nozzle</li> <li>Clip mix nozzle back to desired orifice size.</li> <li>Squeeze cartridge allowing first THREE inches of material to discharge until unified mixture is extruding from nozzle.</li> <li>Apply to surface and attach other substrate quickly, as you have 5 minutes of working time to use the product.</li> <li>Substrates can be clamped with a bond line thickness as small as 0.007" (0.01 cm).</li> </ol>		
Storage:	Store in a cool, dry place.		
Compliances:	RoHS		
Chemical Resistance:	Chemical resistance is calculated with a 7-day, room temp. cure (30 days immersion) @ 75°F (24°C)         Cutting Oil       Excellent         Gasoline (Unleaded)       Fair         Hydrochloric 10%       Excellent         Isopropanol       Fair         Methyl Ethyl Ketone       Poor         Motor Oil       Excellent         Sodium Chloride Brine       Excellent         Sodium Hydroxide 10%       Excellent		
Precautions:	FOR INDUSTRIAL USE ONLY: Please refer to the appropriate <u>Safety</u> <u>Data</u> <u>Sheet prior</u> to using this product.		
Warranty:	ITW Performance Polymers will replace any material found to be defective. Because the storage, handling and application of this material is beyond our control, we can accept no liability for the results obtained.		
Order Information:	Item No.Package Size14500400 ml cartridge1450350 ml cartridge		
Contacts:	www.itwpp.comITW Performance Polymers (EMEA)ITW Performance Polymers (US)Bay 150, Shannon Industrial Estate30 Endicott StreetShannon, County Clare, Ireland V14 DF82Danvers, MA 01923 USATEL: +353 61 771 500TEL: 855 489 7262FAX: +353 61 471 285FAX: 978 774 0516Email: customerservice.shannon@itwpp.comEmail: info@itwpp.com		
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