



Floor Patch™

Description:	All-purpose concrete patching compound that bonds to concrete, brick, masonry, metal, or wood surfaces.
Intended Use:	Industrial Use: Ideal for patching concrete, brick, masonry, floors, or retaining walls where the concrete has spalled. The material will also bond to wood and metal. Can be used to anchor bolts in concrete.
Features:	Easy to mix and apply Trowelable to 1/4" (6.35 mm) or more High compressive strength Resistant to water, oils, solvents, and alkalis
Limitations:	Suitability of product is determined by the end user for their application and process.

Typical Technical data should be considered representative or typical only and should not be used for specification purposes.

Physical Properties:	Cured 7 Days @ 75°F (24°C)	Typical Values	Standard Tests
	Compressive Strength	8000 psi (55 MPa)	Compressive Strength ASTM D 695
	Hardness	85 Shore D	
	Solids by Volume	100%	Hardness, Shore D ASTM D2240
	Temperature Resistance	Dry: 250°F (121°C); Wet: 120°F (49°C)	
	Uncured Properties @ 72°F (23°C)		
	Application Temperature	60° - 90°F (16° - 32°C)	
	Color	Light Grey	
	Coverage (1/4" / 6.35mm)	60 in ² /lb (855 cm ² /Kg)	
	Functional Cure	16 hours @ 75°F (24°C)	
	Minimum Recoat Time @ 75F	6 - 8 hrs.	
	Mix Ratio	5.5:1 weight. 4.5:1 volume	
	Mix Ratio Aggregate/Liquid Ratio	4.47:1 by weight; 3:1 by volume	
	Mixed Viscosity	Putty - Paste	
	Pot Life @ 75F	45 min.	

Surface Preparation:	<p>For METAL SURFACES, use a wire brush or sandpaper to remove rust and scale from the surface to be protected. Surfaces may be shot blasted or abraded using a wire wheel for best results. All dirt, grease, and old paint should be removed. A clean, dry surface is essential for the best results.</p> <p>Begin with a sound, clean, dry and roughened, oil-free application surface, as it is essential to the success and performance of this product.</p> <p>Spot test surface by mixing a small quantity of the resin and hardener without the silica filler. Apply the compound to a small, clean test area. Old paint may wrinkle or lift. If it DOES NOT, wait five (5) days and test the bond strength by scraping surface with a sharp instrument. A pressure-sensitive tape test can also be used as follows: cut an "X" into surface and place tape firmly over the cut. Remove the tape with a hard, fast pull. If the coating fails either test, proceed with instructions for previously coated concrete (see below).</p> <p>For NEW POURED CONCRETE, allow to fully cure (28 days @ 70°F/21°C) prior to application. Remove any curing membrane by sanding or etching with a strong detergent.</p> <p>For OLD CONCRETE, thoroughly clean surface with a grease-cutting detergent to remove grease and oils, and remove any loose or unsound concrete by chipping, scarifying, shotblasting, sanding, or grinding. Proceed as for new poured concrete.</p> <p>For PREVIOUSLY COATED CONCRETE, applications should be considered short term because the coating system is only as strong as its weakest component. Remove any peeling or degraded paint by sanding or using a paint stripper. For intact paint, thoroughly clean the surface with a strong detergent, then lightly sand to remove any gloss. Treat any areas worn down to the original concrete as bare concrete.</p>
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Mixing Instructions:	<p>---- Adequate ventilation is necessary when mixing this product.----</p> <ul style="list-style-type: none">- Attach a propeller-type Jiffy Mixer Model ES to an electric drill.- Shake Resin and hardener well before use.- Add resin to pail and mix thoroughly until color is uniform.- Add hardener into resin pail.- Mix for about two (2) minutes, while continuously scraping material away from sides and bottom of container.- Slowly and evenly, pour aggregate into liquid mixture and mix until a uniform texture is obtained.
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Application Instructions:	Spread Floor Patch™ FC over application area with a trowel. Spread back and forth to create the top layer. To produce smooth finish, trowel again once product has thickened (approx. 20 minutes into pot life).
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FOR A TRULY SMOOTH FINISH

Dip trowel in water before each application to lessen build-up on trowel and break surface tension of epoxy. DO NOT pour water onto uncured epoxy.

Storage: Shelf life 3 yrs from manufacture. See package label. Store at room temperature, 70 °F (21°C)

Compliances: Approved in the U.S. for use in meat and poultry processing plants.
Accepted by Canadian Department of Agriculture Food Safety Service.

Chemical Resistance: Chemical resistance is calculated with a 7-day, room temp. cure (30 days immersion) @ 75°F (24°C)

Ammonia	Very good	Perchloroethylene	Fair
Chlorinated Solvent	Very good	Sodium Hydroxide 10%	Very good
Hydrochloric 10%	Very good	Sulfuric 10%	Very good
Kerosene	Fair	Toluene	Poor

Precautions: **FOR INDUSTRIAL USE ONLY:** Please refer to the appropriate Safety Data Sheet prior 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:

<u>Item No.</u>	<u>Package Size</u>
13100	10 lb. (4.5 kg)
13120	40 lb. (18.1 kg)

Contacts: www.itwpp.com

ITW Performance Polymers (EMEA) Bay 150, Shannon Industrial Estate Shannon, County Clare, Ireland V14 DF82 TEL: +353 61 771 500 FAX: +353 61 471 285 Email: customerservice.shannon@itwpp.com	ITW Performance Polymers (US) 30 Endicott Street Danvers, MA 01923 USA TEL: 855 489 7262 FAX: 978 774 0516 Email: info@itwpp.com
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