



# Floor Patch™

**Description:** All-purpose concrete patching compound that bonds to concrete, brick, masonry, metal, or wood surfaces.

**Intended Use:** Patch concrete, brick, masonry, metal, or wood surfaces

**Product features:** **Easy to mix and apply**  
**Trowelable to 1/4" or more**  
**High compressive strength**  
**Resistant to water, oils, solvents, and alkalis**

**Limitations:** None

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

**Cured 7 days @ 75° F**

<b>Color</b>	Light Grey
<b>Mix Ratio</b>	5.5:1 by weight; 4.5:1 by volume
<b>Mixed Viscosity</b>	Putty - Paste
<b>% Solids by Volume</b>	100
<b>Pot Life @ 75F</b>	45 min.
<b>Application Temperature</b>	60° - 90°F
<b>Temperature Resistance</b>	Dry: 200°F; Wet: 120°F
<b>Minimum Recoat Time @ 75F</b>	6 - 8 hrs.
<b>Cured Hardness</b>	85D
<b>Packaging</b>	30 lb. Unit
<b>Application Coverage per Unit</b>	4.5sq.ft. @ 1/4"/10 lb.unit * 18sq.ft. @ 1/4"/40 lb.unit
<b>Compressive Strength</b>	8000 psi
<b>Functional Cure</b>	16 hours @ 75°F
<b>Aggregate/Liquid Ratio</b>	6:1 by weight; 4:1 by volume
<b>Chemical Immersion</b>	7 days @ 75°F

**Uncured**

**Aggregate/Liquid Ratio** 6:1 by weight; 4:1 by volume

**Surface Preparation:** Begin with a sound, clean, dry and roughened, oil-free application surface, as it is essential to the success and performance of this product.

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).

For NEW POURED CONCRETE, allow to fully cure (28 days @ 70°F) prior to application. Remove any curing membrane by sanding or etching with a strong detergent; otherwise, etch surface with Devcon® B-4 environmentally safe acid etch.

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.

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.

Apply Devcon Concrete Primer 1000 to all shot-blasted or etched concrete surfaces to seal them prior to the application of other Devcon® Floor Savers™ products.

**Mixing Instructions:**

---- Adequate ventilation is necessary when mixing this product.----

1. Attach a propeller-type Jiffy Mixer Model ES to an electric drill.
2. Mix resin until gray color is uniform throughout the pail.
3. Pour hardener into resin pail.
4. Mix for about two (2) minutes, while continuously scraping material away from sides and bottom of container.
5. Slowly and evenly, pour aggregate\* into liquid mixture and mix\*\* until a uniform texture is obtained.

\*Using less aggregate than provided will produce a pourable mixture.

\*\*Materials can be mixed by hand on a mortarboard or a clean, flat mixing surface once aggregate has been added.

**Application Instructions:**

Spread Floor Patch™ over application area with a trowel. Spread back and forth to create the top layer. To produce a smooth finish, trowel again once product has thickened (approx. 20 minutes into pot life).

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:**

Store at room temperature.

**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*

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

**Precautions:**

Please refer to the appropriate material safety data sheet (MSDS) prior to using this product.

**For technical assistance, please call 1-800-933-8266**

**FOR INDUSTRIAL USE ONLY**

**Warranty:**

Devcon 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.

**Disclaimer:**

All information on this data sheet is based on laboratory testing and is not intended for design purposes. ITW Devcon makes no representations or warranties of any kind concerning this data.

**Order Information:**

**13100 10 lb.**  
**13120 40 lb.**