

Technical Data Sheet

HiCrete Patch-It

Product Description:

Patch-It is a ready to use, co-polymer modified patching and levelling compound especially formulated to bond to almost any porous surface. Due to its high strength and easy workability, Patch-It is perfect to repair rain damaged slabs, scaling or dusting concrete, low spots, chipped or damaged steps and curbs as well as facing foundations. Patch-It can be applied from a feather edge up to 1" thick. Patch-It can be broom, sponge or trowel finished.

Surface Preparation:

The concrete surface must be clean and free of all loose material, oil residue, sealers or paints. Clean thoroughly by using a pressure washer with a degreaser or stripper if necessary. Etch the surface using 1 part Muriatic acid to 4 parts water. Neutralize with an ammonia or baking soda and water solution, rinse thoroughly and allow drying.

Mixing instructions:

Take a clean 20 liter bucket. Measure 4 to 5 liters of clean water. Using a drill with a mixing wand, slowly add the dry Patch-It to the water as you are running the mixing wand. Once you have added all the material, continue to mix thoroughly for 2 minutes to a plastic consistency with no lumps. Smaller portions use the enough water to mix to a plastic consistency.

Application Instructions:

Patch & leveling:

Start by misting the surface with water, (surface should be damp only, no standing water) and then apply the Patch-It compound. Screed where necessary, smooth with a round edged Fresno or pool trowel, keeping all tools clean and moist, and finish as desired. If a more uniform surface is desired, coat the entire surface with Re-Coat.

Resurfacing:

Start by misting the surface with water, (surface should be damp only, no standing water) and then apply the Patch-It compound. Using a Gauge Rake or a steel trowel apply 1/8 "of material evenly across the surface. Wearing 1" spike shoes walk into the fresh material and finish trowel as desired.

After 72 hrs Patch-It can be sanded with a buffing machine using 250 grit or finer to remove any trowel marks.



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Note: If the area to be patched is thicker than 1", two or more applications may be necessary. Wait until the first application is dry, (1-3 hours) and then reapply.

Coverage: 20.400 Kg unit will cover 50-60 sq. ft. at 3mm thickness.

Technical Data:

Compressive Strength (ASTM C-109)

- 1 Day : 15.14 n/mm²
- 7 Days : 28.00 n/mm²
- 28 Days : 36.12 n/mm²

Bond Strength (ASTM C-882)

- 7 Day : 10.25 n/mm²

For professional use only. Keep out of reach of children.

Avoid contact with skin, wash exposed areas promptly. Wear eye protection. If Patch-It™ gets in eyes, flush with clean water and seek medical attention. Contains silica sand, do not inhale Patch-It™. Wear a dust mask or suitable breathing apparatus.

Limited Warranty:

This product is warranted to be of uniform quality within manufacturing tolerances. Since no control is exercised over its use, no warranty expressed or implied, is made as to the effect of such use. Seller's and Manufacturer's obligation under this warranty shall be limited to refunding the purchase price of that portion of the material proven to be defective.

