



## Starpatch Concrete Products

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# Ceramic & Porcelain

## One Component-Polymer Modified Thin set

### Meets and exceeds ANSI 118.4

**Description/Usage:** *Starpatch Ceramic & Porcelain Thin Set Mortar* is designed for the installation of ceramic, porcelain and stone tiles, both indoors and outdoors on walls or floors. *Starpatch Ceramic & Porcelain Thin Set Mortar* is polymer-modified, containing several additives to make this easy to work with and to improve adhesion.

#### Advantages:

- Bonds to most surfaces including plywood, gypsum (interior only), concrete, brick, existing ceramic tile, cutback adhesive residue and vinyl composition tile (provided they are well bonded to substrate).
- Provides exceptional bond.
- Use with most tiles.

**Surface Preparation:** Surface (interior or exterior) must be clean and free of all dust, grease and other foreign material prior to the application of the mortar. Surface must be structurally sound.

**Mixing instructions (50lbs. Bag):** Using a clean mixing container and cool clean water, pour approximately 4 liters of water into mixing container. Using a slow speed mixer (300 rpm) slowly add the dry powder. To achieve the ideal consistency add an additional 1 to 1.5 liters of water. Let mix stand for 10 minutes and then re-stir prior to using.

**Coverage:** Approximately 80 sq. ft per 50lb bag when using 1/4"x1/4"x1/4" square notched trowel.

**Limitations:** Temperature at time of application may not be lower than 5°C/41°F. Do not use on rubber or particleboard substrates. If using on substrate other than mentioned above it is recommended a test for adhesion be conducted. Do not use on unstable substrates. Not suitable as a floor leveler.

**Bucket Life:** Approximately 1½ to 2 hours, varying and depending on temperature and humidity.

**Shelf Life:** One year in original unopened bag in dry storage.

**Curing Time:** Depending on temperature and humidity, approximately 8 hours.

**Technical Data:** Meets and exceeds ANSI A118.4 requirements

Shear Strength Per ANSI 118.4 (@ 28 days)	Result
Mosaic/Mosaic	320psi, 2.23mpa
Glazed/Glazed	710psi, 4.9mpa
Quarry/Quarry	335psi, 2.3mpa
Quarry/Plywood	225psi, 1.56mpa

**Colour:** Concrete grey and White.

**Packaging:** 22.7kg/50lbs. Bag

**Caution:** Contains cements, a polymer and other additives which may cause skin irritation. In case of skin or eye contact, wash thoroughly with water. Please consult the MSDS for detailed safety and handling instructions. In case of eye contact consult with nearest physician. **KEEP OUT OF REACH OF CHILDREN.**

**Warranty:** Starpatch Concrete Products warrants that if its products prove to have manufacturing defects and Starpatch is notified of such within 6 months from date of Starpatch shipping, Starpatch will replace the defective products F.O.B. factory. Such product replacement shall constitute the sole and exclusive remedy for any claim under this warranty. This warranty is in lieu of all other warranties, expressed, implied or statutory and is strictly limited to its terms. Starpatch makes no warranty of merchantability or suitability of its products for any particular purpose. Starpatch sells its products upon the condition that the customers shall conduct their own tests to determine the suitability of the products for the customers intended purposes. Under no circumstances will Starpatch be liable for economic, special, incidental or consequential damages or losses of any kind whatsoever arising out of or occasioned by the selection, use, installation or replacement of this product.

**Starpatch Concrete Products, Burnaby, BC.**

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