



Starpatch Concrete Products

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Filling Mortar

FLOOR REPAIR 1/8" TO 1 1/2"

Description: *Starpatch Filling Mortar* is designed for filling and repairing of rough or rained out slabs up to 1 1/2" deep. Very economical trowel down floor leveling product. *Starpatch Filling Mortar* is formulated to provide strength (5742psi) while still finishing to a smooth, professional finish. *Filling Mortar* should not be applied less than 1/8", use with *Skim Coat Mortar* for applications that require virtual featheredge finishes.

Recommended For:

- Filling and repairing of imperfections on concrete structures.
- Exterior & interior horizontal surfaces.
- Rough rained out slabs.
- Low spots on slabs to maximum depth of approximately 1 1/2".
- Can be used for Asphalt repairs when used with *900* or *900X Bonding Agent*.
- Dry pack

Advantages:

- Easy to apply & use.
- Just add water to the powder mix and stir.
- Superior bonding and adhesion properties.
- More economical than other floor leveling products

Surface Preparation: All existing surfaces must be structurally sound solid and completely clean to include the removal of form release, existing sealers or paints, patching compounds, weak or loose areas, dust, dirt, oil or any other contaminant which may act as a bond breaker. Where required to obtain a solid surface, substrate penetration must be by mechanical means such as sandblasting or grinding. *Starpatch 900* or *900X* bonding agent should be used on the substrate for optimal adhesion. Allow the bonding agent to become dry or tacky before applying Filling Mortar.

Mixing Instructions: Add the dry powder to 3.4 to 3.6 liters (3.6 to 3.8 quarts) of water per 22.7kg/50lbs bag, **do not exceed 4 liters (4.25 quarts)**. For added strength and adhesion or when using for asphalt repairs use up to 2 liters of *900* or 1 liter of *900X* bonding agent. Be sure to put water in your mixing container first and then add the dry powder.

Application:

Do not exceed 1 1/2". If thicker application is required use either dry pack method or apply multiple layers. Additional layer can be added once

the previous application is ready for foot traffic. Temperature at time of application may not be lower than 5°C/41°F.

Compressive Strength:

(CAN/CSA-A5, ASTM C109)

3 Days:	16.2 MPa	2349 Psi
7 Days:	27.8 MPa	4031 Psi
28 Days:	39.6 MPa	5742 Psi

Coverage:

1/8"	54 sq. ft.	3/4"	9 sq. ft.
1/4"	27 sq. ft.	1"	7 sq. ft.
3/8"	17 sq. ft.	1 1/2"	4 sq. ft.
1/2"	13 sq. ft.		

Bucket Life: Approximately 1 hour, depending on temperature and humidity. If product begins to set in the bucket, re-mix by hand or use a mixing paddle and drill to re-temper. Do not add water!

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

Limitations: Temperature at time of application may not be lower than 5°C/41°F. Do not apply thinner than 1/8".

Curing Time: Depending on thickness of layer applied, temperature and humidity, approximately 1 to 4 hours

Colour: Concrete grey

Packaging: 22.7kg/50lbs. bag

Caution: Contains cement, 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.

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