



Starpatch Concrete Products

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Fast-Set Anchoring Grout

20 min. Set

Description: *Starpatch Fast-Set Anchoring Grout* is a specially formulated polymer-modified concrete mix containing several additives to make this material easy to work with and apply. This product is non-shrinking, has superior adhesion, strength and finishes to a professional finish. Ideal for applications when completion time is an important factor.

Recommended For:

- Grouting under columns, pipes, sole plates, base plates for machinery (not subjected to heavy impact or vibrations).
- Patching large holes in concrete slabs
- Securing underground piping, tunnel back fill, anchoring various posts and signs and for anchoring bolts and cables.
- Repairs to concrete structures and under Tilt Up walls.
- Ideal for securing all Playground equipment.

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.

Mixing Instructions: Measure accurately. Water to be added to the mix as follows:

Add the grout to clean water, mix only as much as can be used in 15 minutes. Water requirements are approx. as follows (per 50lb bag): DRY PACK-3L, PLASTIC-4.5L, FLOWABLE-5L, and FLUID-5.6L. Water requirements will vary depending on temperature. Gently add no more than ½ bag at a time to the mixing container and mix thoroughly and continuously to avoid lumps in mix. Mix only what can be used as the final mix will set up very quickly.

Application Procedure: Use a steel trowel. Fill form from all four sides and make sure that material is fully packed into the open cavity of the form.

Test Results: Compressive Strength: (CAN/CSA-A5, ASTM C109)

1 Days:	39.3 Mpa	5700 Psi
3 Days:	50.7 MPa	7352 Psi
7 Days:	63.4 MPa	9193 Psi
28 Days:	83.2 MPa	12064 Psi

Yields:

50lb (22.7Kg) 0.40 ft³ (0.012 m³)

Set Time: Approximately 20 minutes depending on the temperature and humidity at time of application. Use warm mixing water in cold temperatures to help increase set time. 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!

Bucket Life: Approximately 5 minutes depending on temperature and humidity.

Limitations: Must be applied immediately after mixing. Temperature at time of application may not be lower than 5°C/41°F.

Shelf Life: One year, unopened in the original container in dry storage.

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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