



Starpatch Concrete Products

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Supa - Fine

HORIZONTAL, VERTICAL AND OVERHEAD REPAIR MORTAR

Description: *Supa - Fine* is a normal setting smooth textured, high strength, single component, concrete repair and topping compound. Consisting of a uniform, premixed blend of portland cements and graded silica aggregates with polymer modification to promote lasting surface adhesion, it is used for renovation and new construction. *Supa - Fine* is for multi-purpose repairs and is especially formulated as an economical fine patching mortar. *Supa - Fine* can be applied from feathered edge to 5/8" thick. *Supa - Fine* can be used for horizontal, vertical and overhead surfaces. Suitable for interior and exterior use, a sealer or coating is recommended when used for a wearing surface. *Supa - Fine* contains no gypsum, chlorides, ferrous metals or corrosive agents.

Recommended For:

- Horizontal, vertical & overhead applications
- Interior and exterior applications
- Warehouse & industrial repairs or overlays
- Areas exposed to heavy-duty loads
- Rained out or freeze damaged slabs
- Repairing wood and cement-board type under-layments
- Underlayment for epoxy/urethane coatings
- Underlayment for all finished floor products
- Filling holes, cracks and spalled areas

Advantages:

- Easy to apply & use.
- Just add water to the powder mix and stir.
- Superior bonding and adhesion properties.
- Will not sag or slip.

Surface Preparation: Surfaces to be covered must be structurally sound, clean and free of dust, oil, grease, sealers, curing compounds, laitance, release agents or other surface contaminants. Where possible, cut vertical shoulders at edges to accommodate repair. For smooth surfaces, we recommend mechanical abrasion to achieve an acceptable surface profile. The cleaning and preparation method selected depends on both the sub-floor material and its condition. Acid etching is not recommended. *Starpatch 900X* bonding agent should be used on the substrate for optimal adhesion. Allow the bonding agent to become dry or tacky before applying *Supa-Fine*.

Mixing Instructions: Using a mixing paddle (a whip type is recommended) with a low speed drill (400 to 500 rpm), mix thoroughly (2 to 3 minutes) until the powder has been completely dispersed and the mix has acquired a smooth homogeneous

texture. Do not add more water once *Supa - Fine* has started setting up. Add approximately 27-29% water by volume or about 5.4 liters of water per bag. For added strength and adhesion you may substitute some of the water with 1 liter of *900X* per bag. Be sure to put water in your mixing container first and then add the dry powder.

Application:

Apply *Supa - Fine* into the repair zone substrate by compacting the material well against the properly prepared substrate. Finish surface with steel or wood trowel, or sponge float. Repairs greater than 5/8" should be done in multiple lifts. Protect repaired area from very hot direct sunlight.

Compressive Strength:

(CAN/CSA-A5, ASTM C109)

3 Days	21 Mpa	3000Psi
7 Days	25 Mpa	3625Psi
28 Days	34 Mpa	4930Psi

Coverage:

1/8"	45 sq. ft.	1/2"	11 sq. ft.
1/4"	22 sq. ft.	5/8"	9 sq. ft.
3/8"	15 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.

Curing Time: Depending on thickness of layer applied, temperature and humidity, approximately 1 to 4 hours. *Supa - Fine* is ready for painting after 3 days of curing. Do not allow applied patch to freeze for 1 day after application.

Colour: Concrete grey.

Packaging: 20 kg/44lbs. 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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