



## Starpatch Concrete Products

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# 900X

## Bonding Agent and Mortar Additive

### Description:

- Premium substrate primer and bonding agent for concrete topping and repair work.
- Polymer admixture that is compatible with all Starpatch Repair mortars.
- Formulated to reduce shrinkage and improve flexural strength.

### As a Bonding Agent:

- Provides permanent bond.
- Better water resistance.
- Dilute 1 part water 1 part 900X.

### As a Polymer Modifier:

- Increases adhesion.
- Increases flexural and tensile strengths.
- Eliminates need for wet curing.
- Increases water resistance.
- When used with polymer modified mixes can be diluted up to 3:1 (Water: 900X).
- When used with non polymer modified mixes dilute 2:1 (Water: 900X).

**Starpatch 900X** is a premium-bonding agent formulated for applications where a superior bond to the substrate is critical. It is a high performance bonding and strengthening agent that is specially formulated for use with the other Starpatch products. It is highly recommended as a superior preparation agent to secure optimal adhesion even under the harshest conditions. It may be used in exterior and interior environments.

**Recommended For:** Preparing surfaces such as cleaned concrete, wood, plywood, gyproc and cement boards.

**Surface Preparation:** The concrete, masonry or wood/plywood surface must be clean and free of all dust, grease, and other foreign material prior to the application of *Starpatch 900X*. For specific details of usage with each Starpatch mortar product please read the particular mortar Product Data Sheet available from Starpatch Concrete Products.

### Mixing Instructions:

- Apply 900X directly to the substrate and allow it to become tacky or dry completely before applying topping mortars. The new concrete topping will re-emulsify the surface to give an extreme bond. 900X will not re-emulsify once the topping mortar has set.
- As a polymer modifier do not exceed a dilution ratio of 3:1. When using 900X with

non-polymer modified toppings or mortars a 2:1 dilution ratio is recommended.

- When *Starpatch 900X* is used as an additive or as a primer, please read and follow the instructions written in the pertaining Product Data Sheet.

**Application:** Brush (preferred), spray or roll on to substrate and allow product to become dry or tacky before applying topping mortar. Brush *Starpatch 900X* with a scrubbing motion to form a uniform film, without puddles, over the entire surface. *Starpatch 900X* will dry in 1 to 3 hours. Place cement topping within 3 days for best results, provided the substrate is kept clean. If topping cannot be placed within 3 days, reapply *Starpatch 900X*.

**Technical:** *Starpatch 900X* is a Styrene Acrylic Copolymer dispersion, which is designed to modify hydraulic binders (Portland cement). *Starpatch 900X* has good resistance to light and aging.

**VOC, g/L: < 90**

**Limitations:** Temperature at time of application may not be lower than 5°C/41°F. **DO NOT FREEZE.**

**Packaging:** Available in 4 litre or 20 litre containers.

**Coverage:** Approximately 1000sq. ft/20l pail undiluted.

**Caution:** 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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