

Primeactive

LIQUID BONDING AND ACTIVATING AGENT

Description: *Primeactive* is a high solids, acrylic emulsion. It is used as a polymer modifier and a bonding agent for *Technik's* dry cementitious products such as *Stamp Top, Trowel Down, Multicoat and Micro Top.*

Recommended Use: *Primeactive* is specifically formulated to work as a primer and activator for any cementitious products. It can be used on interior and exterior surfaces. Its use is not limited to the *Technik* products; it will greatly improve the performance of any cementitious product if used at the appropriate ratio. Always do a test to satisfy yourself that *Primeactive* will work with your specific mix.

Features: The use of *Primeactive* in cementitious products will result in improved;

- A) concrete adhesion
- B) tensile and compressive strength
- C) abrasion resistance
- D) improved flexibility
- E) overall durability
- F) impact strength
- G) freeze/thaw resistance
- H) water holdout
- H) shrinkage compensation

As a Primer:

Prime all surfaces with *Primeactive* acrylic activator as per the following guidelines: Apply by pouring the product directly onto the substrate and then distribute evenly using a stiff bristle broom. Do not leave any puddles; always ensure there is even distribution of *Primeactive*. A second application of primer can be done once the first has dried; this second application is best achieved with an applicator pad. You may do the second application on the following day, prior to applying your cementitious overlay. Once the *Primeactive* has dried clear it is ready to receive an overlay. If you place your overlay prior to the primer drying, it will result in polymer float-up and possible discoloration in your project. A 20 liter (5 gal) pail of *Primeactive* will prime approx 1,000 sq. ft. when applying 2 coats however, this varies according to substrate profile.

An incorrectly primed surface will result in out-gassing which will cause pinholes in the topping and may cause accelerated and incomplete hydration of the product. Your overlay should be placed as soon as the second coat of primer has dried.

As an Activating Agent:

A: *Primeactive* is used as an activator in 3 of the *Technik* products. Please refer to the chart in the next column as your guide for the various products. When working on larger projects it is best to use a larger mixing container to pre-dilute the *Primeactive*.

Product	Full Strength Primeactive	2:1 Primeactive: water	1:1 Primeactive : water
Multicoat	x		
Trowel Down		x	
Micro Top			x

B: Using an accurate liquid measuring bucket, fill to the pre-determined amount as per product requirement and pour into a clean 20 liter mixing pail. Do not deviate from the volume specified on the bag. Minor liquid adjustments may be required during very warm temperatures.

C: If using an integral color, add *Trucolor* color into your 20 liter mixing bucket and disperse with a paddle mixer for 5 seconds.

D: Place 3/4 of the powder into the bucket and mix for 30-45 seconds using a slow speed drill paddle mixer.

E: Add the remaining product into the bucket and mix thoroughly for another 45-60 seconds to disperse all ingredients.

F: Products may need to be re-tempered occasionally. Small amounts of *Primeactive* can be added, however be aware that this will slightly alter the final color.

VOC, g/L: <90

Conditions for Use: Do not apply at temperatures below 5°C (41°F) or when temperatures could fall below 0°C (32°F) during next 24 hours. Do not use when temperature is over 32°C (90°F) as it will become difficult to work with the material. .

Storage: Store at temperatures between 5°C (41°F) and 30°C (86°F). **DO NOT FREEZE.** Shelf life is one year.

Caution: Contains 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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