



102318091

SuperPrime STA

Extreme Bond Primer for Porcelain, Ceramic. Smooth Surfaces

Description

SuperPrime STA is a fast-drying single-component, water-based primer, with extreme bonding capabilities to Porcelain, Ceramic, and other hard to stick to surfaces. SuperPrime utilizes the latest nanotechnology, is easy to apply, and has virtually no odor.

SuperPrime STA can be used for indoor and outdoor applications and can be top coated **with latex, polyaspartics, epoxies, and water-based acrylic and urethanes.**

Features

- Primer for Porcelain and Ceramic
- Used with waterproof sealers and coatings
- High bond strength
- Dries water clear with high transparency.
- Easy to use
- Low VOC (virtually Zero Odor)
- 12-hour open time
- Fast drying
- Interior and Exterior

Test Data

Property	Typical Results
VOC	<100 g/L
Bond Strength 2 Day Cure	Smooth porcelain tile 1000 psi
Bond Strength 7 Day Cure	Smooth porcelain tile 1800 psi

Bond strength results were for 2-part water based polyurethane topcoat.

Coverage

Approx. 800 ft² per gal (25 m²/l). Coverage will vary, depending on surface profile and porosity.

Application Properties

Application temperature	50 to 95°F (10 to 35°C)
Drying time	60 minutes at 75°F (24°C)
Recoat window	1 to 12 hours at 75°F (24°C)

Packaging

32 fl. oz (0.95L) and 1 gal (3.8L) bottles.

Shelf Life

12 months when stored between 50°F and 95°F (10°C and 35°C) under shade in a dry environment.

Surface Preparation

Surfaces must be entirely free of oil, grease, paint, corrosion deposits, dust, laitance or other surface deposits. Use CoverClean CT-50 to remove soap and oils and leave surface residue free. **For hard tile areas subject to frequent wet conditions like shower rooms or outside areas prepare surface with PreTreat (see separate datasheet)**

Glossy Surfaces –

To enhance adhesion to glossy or polished tile and stone properties. Surfaces should be adequately deglossed using PreTreat. Once applied, allow SuperPrime STA to cure for approximately 3 to 4 hours before top coating. Allow the coated system to cure 3 days to achieve maximum resistance to scrape off.

Application

SuperPrime is Ready to Use (RTU) do not dilute. Primer may be applied by 3/8th nap non shed roller, microfiber pad applicator, high quality nylon brush or airless spray.

Airless Spray: Tip range between .013 and .017. Total fluid output pressure at the tip should not be less than 2200 PSI. Preferred pressure is 2500 PSI.

Apply at a rate of 800ft² per gallon. DO NOT OVER-APPLY. This product should be applied thinly and evenly.

Apply a 2nd coat of primer if necessary, once the 1st coat as dried a minimum of 30 minutes.

Do not apply in direct sun or on hot surfaces. Stop application two hours before rain or heavy dew. If possible, plan your application to avoid rain and moisture for the first 24 hours of curing. Caulk seams and edges after priming.

Note: Do not use as a primer over silicone caulks.

Drying

After applying, it typically takes between 45 to 60 minutes to dry. Allow to dry for 3 hours before opening up to heavy foot traffic.

Top coating

Allow a minimum of 60 minutes before top coating the primer. Super Prime STA must be top coated within the 12 hours. After 12 hours, make sure the surface is scrubbed clean with a scouring pad and neutral cleaner and reapply another coat of primer.

Limitations

Do not apply if surface temperature is below 40°F (4°C) or above 100°F (38°C).

Do not apply if rain is expected within 24 hours of application.

Do not apply in direct sun or on hot surfaces.

Do not use as a primer over silicone caulks.

Test area for sealer acceptance and desired results.

Limited Warranty

This product is warranted to be of good quality and that it complies with the properties shown in its current datasheet. CoverTec will replace or, at our election, refund the purchase price of the product if proven defective when used according to the instructions in the current datasheet. Any suspected defect must be reported to CoverTec in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. CoverTec Products LLC, **makes no warranty as to the merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties express or implied and explicitly excludes liability for consequential damages, down time, or delay.**