



# TileLok™ Primer

## For Hard Surfaces

### PRODUCT DATA SHEET

#### Product Description

TileLok Primer for Hard Surfaces is a 2-part fast cure epoxy with high solids, high build, fast drying, polyamide coating to seal concrete, stone, Saltillo tile and other hard absorbing surfaces from absorbing TileLok topcoat. TileLok Primer allows TileLok topcoat to graft itself to the Primer and allow the topcoat to do its function of protecting the surface from mold, mildew and chemical damage and increase sheen. (Review TileLok Topcoat for more information) Interior application only. Not recommended for marble or ceramic tile.

**TileLok Primer for Hard Surfaces can be tinted to any color to dramatically enhance natural or man-made designs. For example completely change the color of concrete from gray to white . Contact Franchise Sourcing for tinting prior to shipping. Tinting cannot be completed on the job site. Tinted TileLok Primer must a have TileLok Topcoat to protect from harsh conditions.**

**Intended Usage-Must be certified for some applications. Contact technicalsupport@marblelife.com**

**Recommended:** Industrial application FLOORS: marine applications, refineries, offshore platforms, fabrication shops, chemical plants, power plants, water treatment plants, mining and mineral industries, quarries shops, industrial park complexes, railroad yards, etc.

**Recommended:** Commercial applications: FLOORS: Retail store walkways, hallways, storage rooms, warehouses, cemetery crematories, public and private education facilities, school and mass transit bus yards, car lots and repair facilities, locker rooms, previous glue shadowing from VTC removal, etc.

**Recommended:** Residential applications FLOORS: Garage floors, natural exterior stones, masonry stones, water fountains and pools, patio or porch surfaces, etc. For water immersion, TileLok Primer cannot be a tinted. Base clear will darken the surface.

#### PRODUCT INFO

**VOLUME SOLIDS:** 72% +/- 2%, IF MIXED WITH COLORANT

**VOC (MIXED)** UNREDUCED: <250 g/L; 2.08lb/gal

**FINISH:** Interior Only Semi-Gloss

TYPICAL THICKNESS	WET MILS	MIN	MAX
		7	13.5
	DRY MILS	MIN	MAX
	5*	10	

\*MAY BE APPLIED AT 3-10 MILS (75-250) MICRONS DFT AS AN INTERMEDIATE IN A MULTICOAT SYSTEM

**MIX RATIO (A&B)** 1:1 BY VOLUME

**COLORS:** CLEAR IS AN OPAQUE COLOR OF BROWN. SEE ATTACHED PICTURES. ALL OTHER COLORS ARE AVAILABLE AS AN OPAQUE OR SOLID COLORANT.

**ODOR:** YES. VENTILATION IS REQUIRED

#### AVERAGE DRYING TIMES @ 7 MILS WET

	35°F	77°F	100°F
		50% RH	

#### AVERAGE DRYING TIME AS STAND-ALONE COATING

	35°F	77°F	100°F
<b>TOUCH</b>	4-5 hrs.	2 hrs.	1.5 hrs.
<b>HANDLE</b>	48 hrs.	8 hrs.	4.5 hrs.
<b>RECOAT</b>			
Minimum	48 hrs.	8 hrs.	4.5 hrs.
Maximum	1 year	1 year	1 year

#### CURE TO SERVICE

-Atmospheric	10 days	7 days	4.5 hrs.
- Immersion	14 days	7 days	4 days

#### AVERAGE DRYING TIME AS INTERMEDIATE @ 5.0 MILS WET

	35°F	77°F	100°F
<b>TOUCH</b>	3 hrs.	1 hr.	1 hr.
<b>HANDLE</b>	48 hrs.	4 hrs.	2 hrs.
<b>RECOAT</b>			
Minimum	16 hrs.	4 hrs.	2 hrs.
Maximum	1 year	1 year	1 year

Note: If maximum recoat time is exceeded, abrade surface before recoating. Drying time is temperature, humidity, and film thickness dependent. Coating temperature must be at least 40°F minimum.

**AVERAGE DRYING TIME AS INTERMEDIATE @ 5.0 MILS WET**

35°F	77°F	100°F
	50% RH	

**POT LIFE**      10 HRS.      4 HRS.      2 HRS.

**SWEAT-IN-TIME:**

**30 MINS      30 MINS      30 MINS**

**SHELF LIFE:**      24 MONTHS, UNOPENED STORED INDOORS  
AT 40°F TO 110°F.

**SURFACE PREPARATION**

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

**Minimum recommended surface preparation:**

Prior Moisture Retention Reading before coating:

Pinless Moisture Meter setting:

Concrete/masonry

Test for threshold readings are mandatory.

After Preparation: Pinless Tester: ± 10points

See Preparation Details on page 3 for the following specs.

Concrete & Masonry Surface Condition Specification

Atmospheric: SSPC-SP13 / NACE 6

Stone Surface Condition Specification

Atmospheric: SSPC-SP13 / NACE 6

**APPLICATION**

**Brush\***      Nylon/Polyester or Natural Bristle

**Roller\* Cover**      3/8" woven with solvent resistant core.

**\*Reduction**      Generally not needed for rolling.

Depending on the substrate if thinning is necessary up to 10% by volume.

**MIXING**

Mix contents of each component (A&B) thoroughly with a low speed power agitation prior to blending together for 5 mins. If tinted make certain no pigment remains on the bottom of the can.

NOTE: Depending on air temperature component A&B maybe thick. Electrical Drill with an attached new paint paddle as a power agitator is highly recommended. Avoid cross contamination when mixing components A&B.

Combine one part A by volume to one part B by volume. 1:1 Thoroughly agitate the mixture with power agitation for 10 minutes then follow Sweat-in as directed. After sweat-in period has expired, briefly remix before applying to surface using the required applicator.

**RECOMMENDED MILS**

Concrete/Masonry, Natural Stone, Smooth, Atmospheric prior to TileLok Topcoat;

5.0 – 10.0 mils (125-250 microns)

Wet Film Thickness gauge is recommended.

**APPLICATION CONDITIONS****Temperature:**

**Air:** 35°F minimum (1.7°C)

120°F Maximum (120°C)

**Surface:**35°F minimum (1.7°C)

250°F Maximum(120°C)

**Material:** 40°F Minimum

**Dew Point:** At least 5°F (2.8°C) above.

**Relative humidity: 85% MAX.**

Circulation of air is necessary to decrease curing times. Air blower pointed upward is recommended.

**ADDITIONAL NOTES**

Specific tint of Part A prior to application must be completed by Franchise Sourcing.

**Colors Available:**

To ease selection, specific color will match grout charts from;

Customs Building Products, T.E.C., and Polyblend.

Franchise Sourcing will need name and product number for specific tint match.

All other colors must have swatch (actual color specimen) sent to Franchise Sourcing identification. Please allow 2 working days once swatch has been received.

Colors sent via email will not be excepted. Matching an older color, a swatch of actual color will be necessary.

Variation of opaque coloring will depend on the substrate. Recommend proceeding with a 4 ounce sample prior to large order

For spraying of coating contact technical support for equipment and procedures.

## Surface Preparation Details

SSPC-SP2/3/ NACE 6,

Surface Preparation of Concrete/Masonry/Stone provides requirements for surface preparation by mechanical, chemical, or thermal methods prior to the application of bonded protective coating either Stand Alone or Intermediate applications.

Removal of all visible oil, grease, dust and dirt, when viewed without magnification. Traces of tightly adherent mil scale, rust, and coating residues are permitted to remain on 10% of each unit area of the surface if they are evenly distributed. Shadows, streaks, and discoloration caused by stains of rust, stains of mill scale, and stains of previously applied coating may be present on the remainder of the surface.

## Health and Safety

Refer to the SDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact [technicalsupport@marblelife.com](mailto:technicalsupport@marblelife.com) for additional information or updates or review published information on MARBLELIFE intranet website.