



Primers/Block Fillers/Patching Compounds

COOLWALL® HIGH BUILD PRIMER

DESCRIPTION

COOLWALL® High Build Primer is a multifunctional low VOC acrylic copolymer pigmented latex system providing high film build and excellent water resistance. This primer is formulated for surfaces where excessive amounts of alkali are present in the substrate.

FEATURES

- Water-based primer.
- Cross-linking polymer technology.
- Stain blocking additives.
- Blocks efflorescence.

BENEFITS

- Resists tannin and rust stains from bleeding through.

- VOC compliant.
- Use on a variety of substrates.

RECOMMENDED OVER

Concrete tilt-wall, Masonry, Cast in-place Cement Plaster, Brick, Wood, Previously painted surfaces, Galvanized and aluminum, Other manufacturer approved surfaces. For new concrete tilt-wall, XL-70W Primer is highly recommended.

APPLICATION

Application Equipment: For commercial and residential application, an airless sprayer equivalent to Graco 5900 or larger, using a .025 to .029 tip is recommended. Standard airless spray equipment with .019 tip can be used, however multiple passes may be required to achieve the desired spread rate.

Surface Preparation/General: All surfaces must be sound, clean and dry prior to priming. Contaminants such as dust, dirt, mildew, form oils, loose substrate, etc., shall be removed. Test the wall for coating acceptability prior to application of coating. This can be done by spraying the wall with water. If the water soaks into the wall, the wall is properly prepared, and can be coated when dry. If

the water beads up and is repelled, the wall requires further cleaning prior to application of the coating. Large cracks, holes and voids must be filled with cement patching compound and TCA TEX•BOND cement adhesive. Texture of patch shall match existing area. Cracks less than 1/32" shall be filled with TCA FLEX•PATCH®. Cracks greater than 1/32" and less than 3/8" can be patched with TEX•COTE® Skim Cote. Sack and patch shall not be applied over the primer. This practice may void warranty. All sacking and patching should be completed prior to coating application. Interfacing of wall joints must be sealed with a urethane type sealant.

Application Rate: Apply at a rate of 80 to 100 square feet per gallon depending

upon surface porosity and texture. For repaint applications, COOLWALL® High Build Primer may be applied at a rate of 125 to 150 square feet per gallon.

Application: Best results are obtained when material is applied with an airless sprayer and back rolled for desired finish. Temperature for application shall be 45°F (7°C) and rising up to 100°F (37.7°C). Avoid freezing the product.

Drying/Curing/Exposure Time

Dry to touch = 3/4 hr approximately
 Re-coating = 24 hrs minimum
 Exposure = 4 wks maximum

Note: Concrete/Masonry should cure a minimum of ten (10) days. If exposed to ultraviolet light for more than four weeks, then surface must be reprimed.

Cleanup: Water

BEST PERFORMANCE

1. Do not apply over frozen or damp surfaces or when rain is imminent. Avoid freezing.
2. Primer shall not be exposed for more than 4 weeks. Otherwise re-prime.
3. Roof & parapet top caps shall be installed against water penetration prior

- to priming.
4. Air temperature for application is 45°F (7°C) and rising, not to exceed 100°F (37.7°C).
5. Retaining walls, plaster boxes, and below grade surfaces shall be water-proofed with asphalt type sealer.
6. Not for below grade use.

7. Surface shall be clean and dry.
8. TCA does not promote or recommend coating the sealant joints, nor is the sealant compound an approved substrate.

ORDER INFORMATION

Packaging: Available in one (1), five (5), thirty (30), and fifty-five (55) gallon containers.

Coverage Rates: 80 to 100 square feet per gallon, depending upon surface porosity and type of finish. **Do not thin.**

Shelf Life

Twelve month shelf life under proper conditions.

- Containers must be stored upright and airtight in a dry space.
- Maintain air temperature of 45°F – 100°F (7°C – 38°C).

- Skins formed on surface of material must be removed prior to moving containers or mixing.

TECHNICAL DATA

Physical Properties	Typical result
Percent Volume solids	49
Percent Weight Solids	64
Weight per Gallon	11.9 lbs.
Water Vapor Transmission	8.4 perms
Flash Point	None (Latex)
Viscosity 77°F (25°C)	107 Kreb Units
Color	Off White
Vehicle	Water
VOC grams/liter	<100
Wet Film Thickness	16—20 mils
Dry Film Thickness	8—10 mils

SAFETY

Warning: Use with adequate ventilation. Do not breathe spray mist or dust. Avoid contact with eye, skin and clothing. Wash thoroughly after handling.

First Aid: If you experience difficulty in breathing, leave area to obtain fresh air. If difficulty continues, seek medical attention. In case of eye contact, flush immediately with large quantities of water for at least 15 minutes. Seek medical attention if blurring or redness continues.

VOC COMPLIANCE

All TEX·COTE® products comply with federal and state Volatile Organic Compound (VOC) rules and regulations. Please contact your nearest TCA office for assistance on the local VOC compliance in the area of intended use.

WARRANTY

Upon completion of application of coating in accordance with the manufacturer's recommendations, Textured Coatings of America, Inc. will extend its limited commercial warranty for product replacement as a result of defect in the material. The manufacturer must be notified prior to the application of the coating and the application must be in compliance with the manufacturer's recommendations for installation. Textured Coatings of America, Inc. shall have no obligation to contribute to or otherwise participate in labor or cost associated with effecting repairs. Specimen copy of material warranty is available upon request.



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