

WR-17

SILOXANE WATER REPELLENT

23-10X

DESCRIPTION

TUF-TOP "WR-17" is a solvent based siloxane water repellent designed to render water repellency to old and new masonry. It provides a long lasting, breathable barrier which exhibits excellent resistance to water, airborne dust and dirt, acid rain, salt, efflorescence, freeze/thaw damage and spalling. Provides a wet look to bare, uncoated concrete pavers with little to no film build or gloss.

USES

- MOST MASONRY SURFACES
- CONCRETE
- CONCRETE PAVERS
- STUCCO
- BRICK
- SPLIT FACED AND FLUTED BLOCK
- MORTAR
- ROOF TILE
- BRIDGE DECKS

LIMITATIONS

- Not for use below grade.
- Not for use on marble, limestone or other forms of calcium carbonate.
- May inhibit over-coating.
- Will not "bridge" cracks or spaces wider than 0.2mm.
- Do not apply at temperatures below 45°F.
- WR-17 will not inhibit water penetration through cracked, or unsound surfaces, or surfaces with defective flashing, caulking or structural water proofing design.

PREPARATION

- Surface to be coated should be clean, and dry. Remove all dirt, grease, oil, wax, mildew and excessive chalk and all efflorescence from the surface.
- High pressure washing (3000 + psi.) is recommended to remove dirt and open up the pores of the concrete.
- Reasonable effort should be made to repair all loose or missing mortar, flashing, vapor barriers, expansion joints, etc.

APPLICATION

- Apply by flood coat, using a low pressure airless, pump up sprayer or power roller, **DO NOT ATOMIZE**. Best results are obtained when the product is applied in the form of droplets rather than mist.
- Surfaces must be "flooded / saturated" to insure adequate penetration into the surface. Remove all excess or puddled material remaining after 5 minutes
- On vertical surfaces, allow the material to run down 6 to 8 inches from the point of application.
- Vertical block and brick must be saturated with the material at the proper coverage rate in one coat, or two coats wet on wet.
- This material relies on depth of penetration for best results. If the material is not applied at the proper coverage and is allowed to dry, the material must be re-applied at the proper square footage, and not "touched up".
- Always work from the bottom up to avoid holidays. Extremely porous surfaces may require two coats for best performance.

TECHNICAL DATA

- Specific gravity: 0.82
- Weight per gallon: 6.98 lbs.
- Volume solids: 12 %
- Weight solids: 17 %
- Flash point: 80°F. as supplied
- Full cure: 7 - 10 days

DRYING TIME

- To Touch: 3 Hours
- Recoat: Overnight
- 7-10 Days

CLEAN UP

- Mineral Spirits or Xylene

APPLICABLE STANDARDS

MEETS OR EXCEEDS THE FOLLOWING

- **SS-W-110C**
- **TT-C-555b**
- **ASTM 96-66**
- **ASTM G23F**
- **NCHRP-244**

COVERAGE **

Substrate	Sq. Ft. per Gal.
• Smooth or precast concrete	125 - 175
• Porous concrete	100 - 150
• Split faced block	50 - 75
• Fluted block	25 - 50
• Concrete block	80 - 100
• Brick	100 -150
• Roof tiles	75 - 125

**** A mock up area should be applied and tested with a Rilem Take up tube to determine exact coverage rate needed to achieve Water Repellency. Contact Tuf Top for details / instructions**

COLORS

WR-10 is a clear, minimal film forming finish which, upon evaporation and curing will leave little trace of its presence. A darkening or wet look may occur over colored concrete or pavers.

CAUTION: DO NOT TAKE INTERNALLY. CLOSE CONTAINER AFTER USE. KEEP OUT OF THE REACH OF CHILDREN

**Manufactured by: TUF TOP COATINGS Division of
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