



TUF-TOP COATINGS

SINCE 1938

SILANE 20 SILANE WATER REPELLENT 25-23X

DESCRIPTION:

SILANE 20 is a solvent based silane 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, and freeze/thaw damage and spalling. Meets current E.P.A. Aim/ V.O.C. Regulations for water repellent sealers. Also available in 25, 30, and 40 % solids concentrations.

USES:

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



LIMITATIONS:

Not for use below grade. May inhibit over coating. Will not “bridge” cracks or spaces wider than 1.2 mm. Do not apply at temperatures below 50 degrees F. Silane 20 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 or form release agents and efflorescence from the surface. High pressure washing 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:

Surface to be coated must be clean and dry. 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” allowing the material to run down 6 to 12 inches from the point of application. Vertical block and brick must be saturated with the material at the proper coverage rate in one heavy flood coat, or two coats wet on wet. 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 insure complete coverage. A Rilem Take up tube test should be performed before and after a mock up application to determine proper coverage rate needed to achieve water repellency.

TECHNICAL DATA:

SPECIFIC GRAVITY	.779
WEIGHT PER GALLON	6.49 LBS.
VOLUME SOLIDS	19.27 %
WEIGHT SOLIDS	23 %
FLASH POINT	80 DEGREES F. MAX.

APPLICABLE STANDARDS:

MEETS OR EXCEEDS THE FOLLOWING

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

COVERAGE:

(APPROXIMATE) **

SUBSTRATE	SQ.FT./GALLON
SMOOTH OR PRECAST CONCRETE	125 - 175
POROUS CONCRETE	100 - 150
SPLIT FACED BLOCK	50 - 75
FLUTED BLOCK	25 - 50
STUCCO	75 - 125
CONCRETE BLOCK	75 - 125
BRICK	100 - 150
ROOF TILES	75 - 125

A RILEM TAKE UP TUBE TEST SHOULD BE PERFORMED BEFORE AND AFTER A MOCK UP APPLICATION TO ASSURE DESIRED REPELLENCY AT A GIVEN APPLICATION RATE.

FOR PROFESSIONAL USE ONLY!

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

MANUFACTURED BY: TUF-TOP COATINGS DIVISION OF MARINE INDUSTRIAL PAINT CO., INC. ST. PETERSBURG, FL.
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LIMITATION OF LIABILITY: The Manufacturer and/or seller warrants that if any goods supplied prove defective in workmanship or material, that Manufacturer and/or seller shall replace them or refund the purchase price. This warranty is made in lieu of any and all other warranties expressed or implied. Before application, the User shall determine the suitability of the product for his intended and User assumes all risks and liabilities. whatsoever in connection therewith Under no circumstances shall the Manufacturer and/or Seller be liable for incidental, consequential or other damages for alleged negligence, breach or warranty, or strict liability arising out of use or handling of this product. The sole liability of Manufacturer and/or Seller for any claims arising out of the use or sale of the product shall be for User's purchase price.