

FIBSILICON(SB)

Colourless Water Repellent Surface Treatment

DESCRIPTION

Silicone Waterpeller is a solvent based liquid compound which penetrates the pores of treated materials and provides a durable, invisible, and highly effective water repellent film. Silicone Waterpeller generally dries tack-free in two to four hours. It protects masonry surfaces from moisture absorption, dirt and dust. It waterproofs the plaster and resists the growth of fungus on it.

AREAS OF APPLICATION

- To treat above ground masonry surfaces such as brick, concrete, mortar, stucco, etc.
- For interior use, treating the joints of tile surfaces subject to contact with water, such as
- On stone surfaces, cladding on exteriors of buildings, concrete panels and all calcareous building materials.
- For treating plaster, granite or acoustical concrete per litre and other insulation and inplant treatment of masonry units.
- To treat cement painted or sand textured surface painted plaster on outside walls.

FEATURES & BENEFITS

- Invisible or transparent.
- Keeps water out but lets dampness escape
- Minimizes efflorescence
- Reduces cracking and deterioration.
- Keeps masonry clean and anti fungus

APPLICATION METHODOLOGY

- Cracks and open joints must be tuck-pointed and all loose particles, dirt, grease and wax removed from the surface. Silicone solutions will not cover structural defects or bridge cracks.
- Should be applied in one liberal coat to dry surfaces only. For best result 3 days should lapse after a heavy rain and application should not be made if rain is expected within the next 6 hours. Either apply by brush or spray.

COVERAGE RATE

One litre of Fibsilicon (SB) will cover 5 to 6m² depending on the porosity of the surface.

PRECAUTIONS

Exceptionally porous material, such as block, should be filled with slurry of portland cement before treating with Fibsilicon (SB). On very dense surfaces, such as hard burned or glazed brick or tile where the run down is too rapid. The coverage should be extended and two coats applied in immediate succession. Protect shrubs, grass and other vegetation from silicone solutions.



TECHNICAL SPECIFICATIONS

Water Absorption of Treated Masonry			
Masonry Material	Exposure Hours	Percent water absorption	
		Untreated	Treated
Common Brick	24	16.37	0.00
Common Brick	168	16.94	0.01
Mortar Cubes	72	9.05	0.65
Indiana Limestone	72	3.77	0.16

All samples given a 5-second dip in Fibsilicon (SB) cured for 40 hours and then immersed in ¼" water.

PACKAGING

Available in 1,5,20 and 220 litres..

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