

FIBSILICON (WB)

Colourless Water Repellent Surface Treatment

DESCRIPTION

Fibsilicon (WB) is water based liquid compound, which penetrates the pores of, treated materials and provides a durable, invisible, and highly effective water- repellent film. Fibsilicon (WB) 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, stone wall etc.
- For interior use, treating the joints of tile surfaces subject to contact with water, such as school corridors or washrooms.
- On stone surfaces, cladding on exteriors of buildings, concrete panels and all calcareous building materials.
- For treating plaster, granite or acoustical concrete and other insulation and in plant treatment of masonry units.
- To treat cement painted or sand textured surface painted plaster on outside walls.

ADVANTAGES

- 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 to dry surfaces only. For best result 3 days should lapse after a heavy rain and should not be applied if rain is expected within the next 6 hours. Either apply by brush or spray.
- It should be applied in two coats. Second coat should be applied after first coat is dry.

COVERAGE RATE

One liter of Fibsilicon (WB) in two coats will cover 5 to 6m² depending on the porosity of the surface.

TECHNICAL SPECIFICATIONS

Water Absorption of Treated Masonry			
		Percent water absorption	
Masonry Material	Exposure Hours	Untreated	Treated

Common Brick	24	16.37	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 (WB) cured for 40 hours and then immersed in ¼" water.

PACKAGING

Available in 1,5,20 and 220 litres.

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