



VITCON 2010 SB **Solvent Based Water Repellent**

DESCRIPTION

VITCON 2010 SB is a solvent based liquid compound, which penetrates the pores of, treated materials and provides a durable, invisible and highly effective water repellent film. It is based on silane / siloxane. VITCON 2010 SB generally dries tack free in two to four hrs. It protects masonry surfaces from moisture absorption, dirt and dust. It waterproofs the plaster and resists the growth of fungus on it.

TECHNICAL DATA

Colour	Colourless liquid
pH	3 - 6
Specific Gravity	1.03 ± 0.02

AREA OF APPLICATION

- To treat above ground masonry surfaces such as bricks, concrete, mortar, stucco 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 per litre 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
- Good depth of penetration
- High alkaline resistance
- Strong water repellent characteristics
- Tack free drying
- Effective even on damp substrates
- Reduces cracking and deterioration
- Good depth of penetration
- Keeps masonry clean and anti fungus
- Protects costly exteriors for a long period



APPLICATION METHODOLOGY

Cracks and open joints must be tuck-pointed and all loose particles, dirt, greases and wax removed from the surface. VITCON 2010 SB solution will not cover structural defects or bridge cracks.

Should be applied in one liberal coat to dry surfaces only. For best results three days should be lapse after a heavy rain and application should not be made if rain is expected within the next six hours. Either apply by brush or spray.

COVERAGE RATE

One litre of VITCON 2010 SB will cover 5 – 6 sqm area depending on the porosity of the surface.

PRECAUTION

Exceptionally porous material such as blocks should be filled with slurry of Portland cement before treating with VITCON 2010 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 shrub, grass and other vegetation from VITCON 2010 SB solution.

ENGINEERING DATA

Water Absorption of Treated Masonry

Percent water absorption

<u>Masonry Material</u>	<u>Exposure Hours</u>	<u>Untreated</u>	<u>Treated</u>
Common Brick	24	16.37	00
Common Bricks	168	16.94	0.01
Mortar Cubes	72	9.05	0.65
Indiana Limestone	72	3.77	0.16

All sample given a five second dip in VITCON 2010 SB cured for 40 hrs and then immersed in 1/4 water.

ARCHITECTURAL SPECIFICAIONS

All exterior masonry surfaces shall be damp proofed and made water repellent with VITCON 2010 SB. It shall be applied in one copious application in strict accordance with directions of the manufacturer, Polygon Chemicals Private Limited.



HEALTH & SAFETY

VITCON 2010 SB is non toxic, nonflammable and non hazardous material. However any splash on the skin should be washed immediately with plenty of water.

PACKAGING

Available in 5 litre 20 litre. Bulk packing is available on request.

STORAGE

Must be stored in original packing at ambient temperature, dry place under shed. The containers must be protected from direct sunlight. The best use before end date of each batch appears on the product label.

SHELF LIFE

6 months from the date of manufacture in the original sealed container at ambient temperature.