

BUILDCOTE

Polymer modified flexible waterproof coating/elastomeric membrane

DESCRIPTION : BUILDCOTE is a white elastomeric membrane coating in brushable consistency. Due to its excellent flexibility and thixotropic nature, it is an ideal product for vertical and horizontal surfaces.

STANDARD : BUILDCOTE complies with ASTM D 412-75 & ASTM C 836

USES : Flat or sloped concrete roof, asbestos roof, and where cracks on the surface are to be sealed, terrace gardens, swimming pools, domes, arches, corrugated sheets etc.

FEATURES

- ❖ Single pack, no mixing or heating required.
- ❖ Easily accommodates movements – crack bridging.
- ❖ Light weight compared to other conventional roofing systems.
- ❖ Jointless monolithic membrane
- ❖ Easily applied over critical corners/dome shaped surfaces
- ❖ Highly impermeable – stretchable – fibre reinforced membrane.
- ❖ Excellent bonding on all building substrates.
- ❖ Provides insulation due to solar reflection.

APPLICATION

Clean the surface from dirt, dust, fungus, laitance and projecting nibs. Apply Primer coat of BUILDCOTE by diluting 1 kg. with 2 ltrs. water by brush or spray. Allow the applied primer coat to dry (4-6 hours). Apply first coat of BUILDCOTE over it and allow it to dry for 6-8 hours. Lay Gibre Glass Mesh when the coating is still green.

Apply second coat of BUILDCOTE and allow it to dry for 24 hours (no soft/wet material should come out by nail) BUILDCOTE can be diluted upto 10-15% to make it workable and get the desired coverage.

Finally after 24 hours, apply cement/sand (zone III) mortar at 1:6 with 15-20mm thickness, admixed with BUILDTITE @ 200 ml./50 kg. cement

TECHNICAL DATA

Colour	:	White liquid
Elongation at break	:	350% approximately
Film thickness	:	0.6 to 1.5mm (two to three coats)
Coverage	:	0.75 to 1 kg. per sq.mtr. for 0.60mm thickness 1 to 1.5 kg. per sq.mtr. For 1.50mm thickness
Tensile Strength	:	4 N/mm ²
Bond Strength	:	60 psi
Bend Strength	:	1/16" in cylindrical mandral test.
Permeability	:	1.8 gms/m ² per 24 hours.
Touch Dry	:	2 hours approximately.
Chemical resistance	:	Good
Insulation properties	:	Good
Shelf life	:	12 months in unopened containers
Packing	:	20 kg. drum
Health & Safety	:	Non-toxic, non-inflammable, eco-friendly.