

## 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 **BUILD TITE** @ 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 1.5mm thickness
Tensile Strength	: 4 N/mm <sup>2</sup>
Bond Strength	: 60 psi
Bend Strength	: 1/16" in cylindrical mandral test.
Permeability	: 1.8 gms/m <sup>2</sup> 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.