

Terraflex 100

Waterproofings

Terraflex 100 is a **two component, polyurethane liquid applied membrane** having remarkable physical properties. It forms a monolithic film on concrete and does not crack on long exposure because of its high elongation .

Properties:

- Excellent adhesion.
- Excellent flexibility.
- Excellent bond to PU topcoats.

Application areas:

- Terraflex 100 is ideally suited for waterproofing of terrace, roof tops, external & internal walls, AC& MS sheet roofings, water tanks and wet areas.

Direction to use:

- Ensure that the prime coat of Terraprime is dried. Cracks and joints should be sealed with CS 112, polyurethane sealant. Terraflex 100 contains fillers. Stir it well before mixing with hardener. Mix Terraflex 100 resin and Terraflex 100 hardener in 10:1 ratio by volume. Agitate the mixture for 2 - 3 minutes. Apply by brush to achieve a DFT of around 150 to 200 microns and allow to cure at ambient temperature. Apply two coats. Allow to cure for 24 hours.

Typical physical properties:

Type	Aromatic PU
Mixing ratio(R:H)	10 :1 by volume
Volume Solids	90%
Colour	Grey.
Finish	Smooth gloss
Density :	
• Resin	1.31 gm / cc
• Hardener	1.20 gm / cc
• Mix	1.29 gm / cc
Viscosity :	
• Resin	11.5 ps at 60 rpm (spindle no. 3)
• Hardener	1 -3 ps
Flash point	Above 100°C
Pot life	20 - 25 minutes @ 30°C
Surface dry	3-4 hours
Tack free dry	8 hours
Hard dry	48 hours.
Theoretical Coverage	3 - 3.5 sq.mt. / ltr. @ 250 microns
Application method	Brush.