

BUILDTHENE IC

High solid content polyurethane elastomeric membrane (In situ)

DESCRIPTION : BUILDTHENE IC is a 100 percent elastomeric liquid applied polyurethane coating. BUILDTHENE IC is available in single component as well as two component. The mixed material is brushable & forms a membrane on the substrate.

USES : BUILDTHENE IC is an excellent waterproofing coating with high elastomeric properties.

FEATURES

- ❖ High dimensional stability
- ❖ Suits variety of application
- ❖ User friendly
- ❖ Chemical & abrasion resistant

COMPOSITION :

Part I : Viscous Liquid

Part II : Syrupy Liquid

STANDARD COMPLIANCE

Tested to ASTM D 4060, ASTM D 4541, ASTM C 836 & ASTM C 898

APPLICATION PROCEDURE

Application includes polymerized mastic over the roof surface to achieve smooth surface. Once the roof has been cured & dried, application of Buildprime (Polyurethane based primer) to be carried out prior to the application of BUILDTHENE IC

Mix both the components as quickly as possible to achieve a uniform consistency. The mixed liquid is then brushed or sprayed on the primed surface to be waterproofed. For two coats, second coat to be applied over the first coat after 12 hours but within 48 hours as it becomes touch dry. Care shall be taken as the pot life of the mix is short and ensure that correct amount to be mixed at one go for pouring to avoid wastage.

CURING : Curing starts within 15 minutes of mixing, complete curing is obtained after 24 hrs.

TECHNICAL DATA

SR. NO.	CHARACTERISTICS	SPECIFICATION
1.	Viscosity, CP	800 - 1000
2.	Density	1.10 - 1.15
3.	Colour of Mix	Grey / Off white / Black
4.	Mixing Ratio (For two component)	3 : 1
5.	Pot life, min.	30 - 35
6.	Hardness	52 ± 2 shore A
7.	Tensile Strength, Mpa	4.8 ± 3
8.	Water Absorption, %	< 0.5
9.	Elongation, %	More than 300
10.	Low Temperature Flexibility	No Cracking
11.	Low Temperature Crack Bridging	No Cracking
12.	Solid Content.%	>85
13.	Coverage (two coats)	1.5 mm/kg/sqmt.

PACKING : 25 kg pre weighed packing

SHELF LIFE : Six months if the container is sealed