

## BUILDTHERE IS

Two component expandable & Semi rigid Polyurethane Foam ( In situ )

### DESCRIPTION

**BUILDTHERE IS** is a modified polyol Isocyanate based cured polyurethane material in two parts. The mixed material is sprayed or poured in uniform thickness is expands in situ give a volumetric expansion to the tune of 4 to 5 times of the original volume.

### USES

**BUILDTHERE IS** is an excellent thermal insulation material for over deck insulation with very low thermal conductivity.

### FEATURES

- ❖ High Dimensional Stability
- ❖ Excellent thermal Efficiency
- ❖ Suits variety of Application
- ❖ User Friendly
- ❖ Eco Friendly

### STYLE

Part I : Viscous Liquid

Part II : Syrupy Liquid

### APPLICATION PROCEDURE

Mix the part as above as quickly as possible to achieve an uniform consistency ( Exothermic reaction ) , and pour the liquid in desired thickness on to prepared and properly laid surface up to desired thickness. The mix being exothermic, 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

- |                         |                              |
|-------------------------|------------------------------|
| 1. Viscosity            | : 300 - 400 mpa at 20°C      |
| 2. Density              | : 40 -42kg/m <sup>3</sup>    |
| 3. Colour of Mix        | : Light Brown                |
| 4. Mixing Ratio         | : 1:1                        |
| 5. Pot Life             | : 30 - 35 min                |
| 6. Thermal Conductivity | : 0.019 K cal/M/Hr/C         |
| 7. Tensile Strength     | : 4.8+/-3 Mpa                |
| 8. Thickness            | : Initial 10mm to final 50mm |

### PACKING

20kg pre weighed packing

### SHELF LIFE

Three months if the container is sealed