

EUCOBIT

TORCH ON MEMBRANE WATERPROOFING

DESCRIPTION

Eucobit is plastomeric waterproofing membranes manufactured in an advanced continuous calendaring process by saturating and coating a synthetic carrier with a waterproofing compound made of a special grade of bitumen, which is modified with APP polymers. While the APP polymers enhance the thermal, mechanical, and aging properties of the membranes compound, the mechanical characteristics of **Eucobit** are established by the non-woven continuous filament spun-bond Polyester or Glass fiber mat which acts as the reinforcement that provides the membrane with its particular tensile strength, tear resistance, puncture resistance and elongation properties.

RECOMMENDED USES

Eucobit is multi-purpose membranes for protected roofing & waterproofing applications subjected to different mechanical stresses and normal weathering conditions, and are recommended as a base layer in multi layer systems in various applications.

Eucobit membranes are particularly recommended for the following applications.

- Roofing or re-roofing works for sloped and flat protected roofs.
- Waterproofing of underground structures
- Waterproofing of wet areas, mechanical rooms and terraces.

OUTSTANDING FEATURES

- High reinforcement strength
- Excellent tear & puncture resistance
- Outstanding elongation properties
- Versatile Application
- Flexible installation methods
- Durable Protection
- Excellent flexibility

APPLICATION

Eucobit is usually applied by using a propane torch or a hot air generator as well as by mechanical fastening. It can also be applied using special adhesives in cold or hot applications. The substrate surface must be clean, dry, smooth, and free from any irregularities. According to the surface conditions, a coat of primer maybe required prior to the application of the membrane.

Eucobit can be applied to the substrate fully bonded, semi bonded or loose laid, and the method of adhesion to the substrate shall be decided according to the waterproofing system design. Side laps should be from 8-10 cm, while end laps should be from 12-15 cm.

TECHNICAL DATA

Typical	Test Method	Unit	Result
Tensile Strength - Longitudinal	EN-12311-1	N/50mm	650 N/50 mm \pm 20%
Tensile Strength - Transverse	EN-12311-1	N/50mm	400 N/50 mm \pm 20%
Elongation At Break - Longitudinal	EN-12311-1	%	2 % \pm 15 %
Elongation At Break - Transverse	EN-12311-1	%	2 % \pm 15 %
Tearing Strength - Longitudinal	EN-12310-1	N	150 N \pm 30 %
Tearing Strength - Transverse	EN-12310-1	N	200 N \pm 30 %

PACKAGING AND HANDLING

Eucobit rolls should be kept in an upright position in a flat, properly ventilated and sheltered storage area.

SURFACE FINISH

The lower surface of **Eucobit** is laminated with a Polyethylene film while the upper surface is covered with **Eucobit**.

SUPPLY DATA

Thickness	Standard Roll Size
2mm	1M x 10M
3mm	1M x 10M
4mm	1M x 10M
5mm	1M x 8M