

Membranil CMB

APP Modified bitumen Waterproofing Membranes With Non-Woven spun-Bond Polyester Reinforcement.

Description:

- **Membranil CMB** are 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 **Membranil CMB** are established by the non-woven continuous filament spun-bond polyester which acts as the reinforcement that provides the membrane with its particular tensile strength, tear resistance, puncture resistance and elongation properties.
- The upper surface of **Membranil CMB** is covered with an anti-adhesive finish material while the lower face is laminated with a thermo-fusible polyethylene film.

Fields of Use:

- **Membranil CMB** are multi-purpose membranes for roofing & waterproofing applications subjected to different mechanical stresses and normal weathering conditions, in multi layer systems and can be used as a single layer in specific applications.
- **Membranil CMB** 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.

Technical Data :(at 25° C)

Test	Tolerance	Test method	Unit	Values
Thickness	± 15 %	EN 1849-1	mm	4
Tensile strength-longitudinal	± 20 %	EN 12311	N/5cm	650
Tensile strength-transverse	± 20 %	EN 12311	N/5cm	350
Tearing strength-longitudinal	± 30 %	EN 12310-1	N	180
Tearing strength-transverse	± 30 %	EN 12310-1	N	170
Elongation at break-longitudinal	± 15	EN 12311	%	40
Elongation at break-transverse	± 15	EN 12311	%	30
Stability at high temperatures	Min	EN 1110	°C	90

Directions For Use :

- The substrate surfaces must be clean, dry, smooth and free from any irregularities.
- According to the surface conditions, a coat of Cerotekt 1 or Cerotect M2 primer may be required prior to the application of the membrane.
- Membranil CMB 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.
- Membranil CMB 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.

Storage:

- Membranil CMB rolls should be kept in an upright position in a flat properly ventilated and sheltered storage area.

Packages:

Standard supply data & palletizing

thickness	=	3mm, 4mm
Standard roll size	=	1 M × 10 M
Rolls/pallet	=	23