

MC-Plan EVA 800

Flexible EVA membrane for underground structures waterproofing.

PRODUCT PROPERTIES:

- **MC-Plan EVA 800** is a kind flexible, nontoxic, synthetic, non-reinforced.
- Plastic waterproofing sheet based on premium quality Ethylene-vinyl acetate copolymer resin.
- Specially used for tunnel and underground waterproofing project.

AREAS OF APPLICATION:

- Basement tank waterproofing.
- Tunnels and buried galleries.
- Cut and cover tunnels.
- Underground works.
- Covering of buried structures.
- Underground car parks.

TECHNICAL DATA:

Characteristic	Unit	Value	Comments
Density	g/cm ³	≥ 0.95 ± 0.05	ASTM D1505-18
Thickness	mm	≥ 0.8	
Tensile strength	Mpa	≥ 16	ASTM D412-16
Elongation at break	%	≥ 600	ASTM D412-16
Nail tear resistance	N	≥ 50	
Hardness (Shore A)		≤ 98	ASTM D2240
Cold Bending (-35°C 1h)		No break and crack	
Dimensional Stability	%	≤ 2	
Joint strength	N/mm	≥ 1	
Puncture resistance	N	≥ 150	
Artificial Climate at tensile strength	%	80	
Artificial Climate at elongation	%	70	

Property specifications are based on laboratory tests and may vary in practical application. To determine the individual technical suitability, preliminary suitability tests should be carried out under the application conditions.

PRODUCT CHARACTERISTICS:

Storage	Store rolls on horizontal position to prevent damage; Store rolls in a ventilation condition, dry and cool warehouse at room temperature not exceed 35°C avoid sun-baked and rain; Covered as necessary to protect rolls from environmental damage, heat, cold or moisture, etc;
Shelf-life	36 months from manufacturing date.
Packaging	Supply in 145 m ² per roll and packed into plastic woven bag.
Health and safety	MC-Plan EVA 800 should be used as directed, non-hazardous to health under normal usage and for further information about health and safety on these product, the user should refer o MSDS or contact direct to local office of MC-BIFI Bauchemie.

Note: The information provided here is based on our experience and correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual building projects, to the specific application and to non-standard local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. Given these preconditions we shall be liable for the accuracy of the information given as outlined in our sales and delivery terms and conditions. Recommendations by our employees that deviate from this information are only binding for us if they have been confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be adhered.

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