

SOPREMA Manfred

Description

Self-adhesive membrane composed of elastomer modified bitumen and a composite aluminium + fiberglass reinforcement. Used as a vapour barrier on steel deck and wood constructions for buildings with high moisture production. It is also used as radon-membrane, for sealing floor slabs against soil moisture and as wall barrier membrane. The upper surface is finished with a thermofusible film. The lower surface is protected by a silicone release film.

Characteristics

Composition	Standard	Unit	Value	Tolerance
Reinforcement			composite aluminium + fiberglass	
Finish upper side			thermofusible film	
Finish lower side			silicone release film	
Coating mass			elastomer modified bitumen	
Technical characteristics				
Thickness	EN 1849-1	mm	≥ 0,9	
Mass (indicative)	EN 1849-1	kg/m ²	± 1,5	
Tensile force (L / T)	EN 12311-1	N/50 mm	600 / 400	min.
Elongation at max. tensile force (L / T)	EN 12311-1	%	≥ 2,5 / 2,5	
Dimensional stability	EN 1107-1	%	NPD	
Resistance to static loading	EN 12730-B	kg	≥ 5,00	
Resistance to tearing (nail shank) (L / T)	EN 12310-1	N	NPD	
Flexibility at low temperature	EN 1109	°C	≤ -25	
Flow resistance at elevated temperature	EN 1110	°C	NPD	
Reaction to fire	EN 13501-1	Class	E	
Watertightness	EN 1928-B	kPa/24 u	≥ 60	
Water vapour diffusion-equivalent	EN 1931	m	≥ 1500	
Packing				
Dimensions of the roll	EN 1848-1	m	≥ 25 x 1,08	
Mass/roll	EN 1941-1	kg	± 36	
Rolls/pallet			24	

NPD = no performance determined

Pallets may not be placed on to each other during storage and rolls need to be stacked so they won't bend. Direct sunlight and temperatures above +30 °C should be avoided at all times.

Installation

Self-adhesive with self adhesive longitudinal overlap (transversal torched). The substrate surface is to be impregnated with ELASTOCOL 503 or ELASTOCOL 600, the overlaps needs to be clean. In order to obtain a good adhesion, the membrane has to be placed at a temperature above +10 °C. If installation takes place at lower temperatures, the substrate needs to be heated. For processing, the rolls must be stored for at least 12 hours at a temperature above +10 °C.

Special indications

Hygiene, Health and Environment

The product does not contain any substance which is likely to be detrimental to your health or to the environment and complies with generally admitted Health and Safety Requirements.
For more information, please refer to the relevant safety data sheet.

Quality-, Environment- and Safety Management

SOPREMA always recognises as a high level of importance the quality of the products, the environment and safety. For this reason, we operate independently monitored Quality and Environment Assurance Systems in line with **EN ISO 9001** and **EN ISO 14001**.

