

FORMAT SP FORMAT SP MINERAL

APP modified – Cold Flexibility – 10°C – Spunbond Polyester Reinforcement

DESCRIPTION

FORMAT SP and FORMAT SP MINERAL are bituminous plastomeric torch-on waterproofing membranes. They consist of a special compound based on distilled bitumen modified with selected atactic polypropylene and reinforced with a non-woven spunbond polyester reinforcement, which offers good characteristics of mechanical resistance, ultimate-elongation and dimensional stability. The APP modified waterproofing compound assures good flexibility at low temperatures and excellent resistance to heat and UV rays.

The whole Euromembrane range is manufactured under a closely controlled system which conforms to the ISO 9001 requirements and guidelines.

PRODUCT USES

FORMAT SP and FORMAT SP MINERAL membranes are versatile and easy to install. Because of their good mechanical characteristics and high dimensional stability, they are suitable to be used both in residential and industrial waterproofing. FORMAT SP and FORMAT SP MINERAL membranes are compatible with most materials normally used in roofing structures.

INSTALLATION

The underside of FORMAT SP and FORMAT SP MINERAL is finished with a thin thermo-fusible film, which easily melts upon torching, favouring a rapid and clean application. The upper side of the MINERAL version is finished with a uniform layer of factory-applied natural or coloured slate chippings and is provided with a lateral selvage for overlapping.

Surfaces must be perfectly dry, clean and sufficiently plain or levelled. Prior to adhering the membrane to the substrate, the latter must be primed with either Europrimer or Euroecoprimer. The product is welded down using a propane gas burner which is burning off the underside film and melting down part of the bituminous undercoating. Overlaps have to be welded by torching with side laps of 8-10cm and end laps of 12-15 cm.

Stop installation in rain, snow, heavy fog or if the air temperature falls below +5°C.

HANDLING AND STORING

When unloading the material avoid any abrupt impact with the ground.

Do not take up the rolls to the roof without using supporting pallets and safety equipment.

Always store the rolls in upright position, preferably under shelter. In the cold season preferably do not stock the product at site during night-time.

In case of double stacking use a rigid separation board to spread the load.

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EN Norms	TECHNICAL DATAS		FORMAT SP		FORMAT SP MINERAL	
	Features	Units	Nominal Values	Tolerances	Nominal Values	Tolerances
EN 1848-1	LENGTH	m	10	≥ as/declared	10	≥ as/declared
EN 1848-1	WIDTH	m	1	-0,5%	1	- 0,5%
EN 1849-1	THICKNESS	mm	4	± 0,2		
EN 1849-1	WEIGHT	kg/m ²			4.5	± 0,2
EN 12311-1	TENSILE STRENGTH long. (max. charge)	N/50mm	>700		>700	
	TENSILE STRENGTH trans.(max. charge)	N/50mm	>480		>480	
EN 12311-1	ELONGATION AT BREAK longitudinal	%	40		40	
	ELONGATION AT BREAK transversal	%	45		45	
EN 12310-1	TEARING RESISTANCE longitudinal	N	140		140	
	TEARING RESISTANCE transversal	N	140		140	
EN 12730	STATIC PUNCTURING	L				
EN 12691	DYNAMIC PUNCTURING	I				
EN 1107-1	DIMENSIONAL STABILITY	%	conforms to UNI 8629		conforms to UNI 8629	
EN 1109	COLD FLEXIBILITY	°C	-10		-10	
EN 1110	HEAT RESISTANCE	°C	140		140	
EN 1928	WATER TIGHTNESS	Kpa	≥ 60		≥ 60	
EN 1928	WATER RESISTANCE (max. variation)	%	± 2		± 2**	

PRODUCT	THICKNESS (mm)	WEIGHT (kg/sqm)	DIMENSIONS	ROLLS / PALLET
FORMAT SP	4 mm		1 Roll 1 x 10 mt.	23
FORMAT SP MINERAL		4,5 KG	1 Roll 1 x 10 MT	20