

Technical Commercial data Sheet

Megaver

Waterproofing bitumen polymer membrane



Dimensional features

Length	10 m - 1% (UNI EN 1848-1)	Toll. ≥
Width	1 m - 1% (UNI EN 1848-1)	Toll. ≥
Thickness	4 mm (UNI EN 1849-1)	Toll. 0,4 mm
Weight per m ² (MINERAL)	4/4,5 kg (UNI EN 1849-1)	Toll. 10%

Description

The MEGAVER membranes are realized with a special compound based on bitumen modified with new generation elastomeric polymers (BPE), with -25°C cold flexibility. The reinforcement consists in a combination of polyester tissue-non-tissue and glass cloth.

MEGAVER 4 MM P is also available in the "TEX" version with "DECOTEX" treatment, consisting in the application on the upper face of a special black polypropylene tissue.

Application

- Use Personal Protective Equipment as requested by law;
- Clean properly the surface on which membranes has to be applied;
- MEGAVER is meant to be applied by flame with a gas propane blow torch by heating the lower face, covered with a special thermofusible film;
- Apply between +5° C and + 35° C.

Recommended Use

MEGAVER membranes are to be employed on several structure types. It is proper for base layers, basement structures, earth-retention walls and foundations. The MINERAL versions are meant to be used as finishing layer and/or as single layer.

Storage

Keep the rolls in warehouse, not exposed to the sun rays and at a higher temperature than +5°C. Keep the rolls in the upright position. If possible, avoid stacking pallets, especially with slated membranes. It is advisable to use the product within 2/3 months from delivery.

TYPE	REINFORCEMENT	UPPER FACING	THICKNESS WEIGHT/m ²	m ² PER PALLET
MEGAVER 4 MM P	Polyester	Sand	4 mm	230
MEGAVER TEX 4 MM P	Polyester	Polypropylene TNT	4 mm	230
MEGAVER MINERAL 4 KG P	Polyester	Slate	4 kg	250
MEGAVER MINERAL 4,5 KG P	Polyester	Slate	4,5 kg	230

Technical Commercial data Sheet

Megaver

Technical features

Test	Standard Reference	MEGAVER P	MEGAVER MINERAL P	TOLERANCE
Visible Faults	UNI EN 1850-1	absent	absent	-
Straightness	UNI EN 1848-1	10 mm	10 mm	≤
Watertightness	UNI EN 1928	60 kPa	60 kPa	≥
Cold flexibility	UNI EN 1109	- 25 °C	- 25 °C	≤
Cold flexibility after ageing	UNI EN 1296 UNI EN 1109	- 20 °C	- 20 °C	+ 15 °C
L dimensional stability	UNI EN 1107-1	- 0,3 %	- 0,3 %	≥
Flow resistance	EN 1110	100 °C	100 °C	≥
Tensile strength at breaking L/T	UNI EN 12311-1	500 N/5 cm 400 N/5 cm	500 N/5 cm 400 N/5 cm	- 20 %
Elongation at breaking L/T	UNI EN 12311-1	35% 35%	35% 35%	- 15 a.v.
Tear resistance (B method) L/T	UNI EN 12310-1	140 N 140 N	140 N 140 N	- 30 %
Static load resistance	UNI EN 12730	10 Kg	10 Kg	≥
Dynamic punching resistance	UNI EN 12691	800 mm	800 mm	≥
Vapour permeability	UNI EN 1931	μ 20000	μ 20000	-
Fire reaction	EN 13501-1	NPD	NPD	-
External fire reaction	EN 13501-5	F roof	F roof	-
Granules adhesion	UNI EN 12039	-	30%	≤
Watertightness after exposure to chemical agents artificial ageing	UNI EN 1928 UNI EN 1847/ UNI EN 1296	NPD	-	-
Resistance to water penetration	UNI EN 1928	-	W1	-
Resistance to water penetration Tensile properties	App. C EN 13859-1	-	NPD	-
Uses	EN 13707 System 2+	Base layer Middle layer	Top layer	-
	EN 13969 System 2+	Foundations Earth retention	-	-

The Saint-Gobain PPC Italia S.p.A. quality system is certified according to EN ISO 9001

Follow proper application and storage modalities.

The CE marking of this bituminous membrane is in accordance with the European Construction Products Regulation 305/2011, is in agreement to the reference technical standards and is supported by certification no. 1370-CPR-0050.

Saint Gobain PPC Italia has the right to change the technical data of this data sheet any time with no need of notice.



CODICE: STCBE 001
REVISIONE: 05
DATA: april 2016
Pag. 2 di 2

Saint-Gobain PPC Italia S.p.A. – Attività Isover

Headquarters: Via Ettore Romagnoli, 6 – 20146 Milano

Customer Service Bituver: Via G.Pastore, 15 - 66013 Chieti Scalo (CH) - Tel. 0871/599022 - Fax 0871/ 552483

www.bituver.it

