

BITUVER ELASTOMAT



The waterproofing membranes in the ELASTOMAT family are made with **SBS elastomeric compound**.

Cold flexibility: -20° C

The reinforcement is made up of polyester unweaved fabric reinforced with fibreglass.

The ELASTOMAT 4 MM P product is also available in the "TEX" version with "DECOTEX" treatment consisting in the application of a special black colour polypropylene fabric on the surface.

ELASTOMAT MINERAL is available with natural or coloured slate.



Application

- Use the PPE required by the law
- Adequately clean the support
- We always recommend preparing the support with bituminous primer Bituver ECOPRIVER
- ELASTOMAT is suitable for torch application by heating the lower coated surface of a special heat melt film with a propane gas torch.
- Always apply between +5°C and + 35°C

Recommended uses

The ELASTOMAT membranes can be used on any type of structure. They are suitable for substrates, underground structures, earth retaining walls and foundations. The MINERAL versions are suitable for use as a finishing layer.

Storage

Store the rolls indoors, protected from sunlight and at a temperature no lower than +5°C. Keep the rolls in a vertical position. If possible, avoid stacking the pallets. We recommend using the product within 2-3 months from delivery.

Type	Reinforce ment	Surface finish:	Thickness.- weight/m ²	m ² /Pallet
ELASTOMAT 4 MM	Polyester	Sand	4 mm	230
ELASTOMAT TEX 4 MM	Polyester	TNT Polypropylene	4 mm	230
ELASTOMAT MINERAL 4 KG P	Polyester	Slate chips	4 kg	250
ELASTOMAT MINERAL 4.5 KG P	Polyester	Slate chips	4.5 kg	230

Dimensional Specifications

Length	10 m - 1%, (UNI EN 1848-1)	Tol. \geq
Width	1 m - 1% (UNI EN 1848-1)	Tol. \geq
Thickness	UNI EN 1849-1	Tol. 0.2 mm
Weight per m ²	UNI EN 1849-1	Tol. 10%

Technical data

Characteristic	Regulation	Elastomat P	Elastomat Mineral P	Tolerances
Visible defects	UNI EN 1850-1	absent	absent	-
Straightness	UNI EN 1848-1	10 mm	10 mm	\leq
Waterproof rating	UNI EN 1928	60 kPa	60 kPa	\geq
Cold Flexibility	UNI EN 1109	- 20°C	- 20°C	\leq
Cold flex. after ageing	UNI EN 1296	- 15 °C	- 15 °C	+ 15°C
	UNI EN 1109			
Dimensional stability L	UNI EN 1107-1	- 0.3 %	- 0.3 %	\geq
Stability of shape when hot	EN 1110	100°C	100°C	\geq
Tensile breaking strength L/T	UNI EN 12311-1	400/300 N/50 mm	400/300 N/50 mm	- 20 %
Joints tensile breaking strength L/T	UNI EN 12317-1	300/200 N/50 mm	-	- 20 %
Elongation at break L/T	UNI EN 12311-1	40/40 %	40/40 %	- 15 v.a.
Tear strength (method B) L/T	UNI EN 12310-1	130/130 N	130/130 N	- 30 %
Static load strength	UNI EN 12730	10 Kg	10 Kg	\geq
Dynamic impact strength	UNI EN 12691	700 mm	700 mm	\geq
Vapour permeability	UNI EN 1931	m 20000	m 20000	-
Reaction to fire	EN 13501-1	E	E	-
External fire resistance	EN 13501-5	F roof	F roof	-
Adhesion of the granules	UNI EN 12039	-	30%	\leq
Waterproof rating after exposure to chemical agents/ artificial ageing	UNI EN 1928			
	UNI EN 1847/ UNI EN 1296	NPD	-	-

Saint-Gobain PPC Italia S.p.A.

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Register of Companies: Milan No. 08312170155 • R.E.A.: Milan No. 1212939
Share Capital: € 77,305,082.40 fully paid up • Taxpayer's Code and VAT No.: 08312170155
Subject to the directive activities and coordination of Saint-Gobain Products Pour la Construction S.A.S.

CODE: STCB 006
REVISION: 11
DATE: April 2019

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<u>Characteristic</u>	<u>Regulation</u>	<u>Elastomat P</u>	<u>Elastomat Mineral P</u>	<u>Tolerances</u>
Water penetration resistance	UNI EN 1928	-	CLASS W1	-
Water penetration resistance	App. C	-	NPD	-
Tensile properties after artificial ageing	EN 13859-1			
Intended use	EN 13707 System 2+	Substrate Intermediate layer Under heavy protection	Finishing layer	-
	EN 13969 System 2+	Foundations Retaining walls	-	-

The Saint-Gobain PPC Italia S.p.A. quality system is EN ISO 9001 certified.
The products presume suitable application and storage methods.

The CE Marking of this bituminous membrane complies with European regulation 305/2011, complies with the reference technical regulations and is supported by certificate No. 1370-CPR-0050 and by test report No. 51-07-0049\004 issued on 16 May 2007 by TUM Centre For Building Materials Baumbachstraße, Notified Testing Laboratory No. 1211
Saint-Gobain PPC Italia reserves the right to modify the technical data on this data sheet at any time without any advance notice.



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