

BITUVER FLEXIMAT



Waterproofing membranes

Bituver Fleximat membranes are made with a **special BPE elastomeric compound**.

Cold flexibility: -25°C

The reinforcement is made up of an extremely high-weight polyester unwoven fabric **with continuous strand** reinforced in fibreglass.

The 4 mm Mineral version is certified for **single-layer** use.

For this solution, the **new BituverTech technology** is used in order to obtain a **superior quality compound**.



**bituver
tech**

Application

- Use the PPE required by the law
- Adequately clean the support
- We always recommend preparing the support with bituminous primer Bituver ECOPRIVER
- FLEXIMAT 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 FLEXIMAT membranes can be used on any type of covering. They are suitable for substrates, single layers, underground structures, earth retaining walls and foundations. The MINERAL version is suitable for use as a single layer and/or 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	Reinforcement	Surface finish:	Thickness.- weight/m ²	m ² /Pallet
FLEXIMAT 4 MM P	Polyester	Sand	4 mm	230
FLEXIMAT MINERAL 4 MM P	Polyester	Slate chips	4 mm	160
FLEXIMAT 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	Fleximat P	Fleximat 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	100 kPa	100 kPa	\geq
Flex. when cold	UNI EN 1109	- 25 °C	- 25 °C	\leq
Flex. when cold after ageing	UNI EN 1296 UNI EN 1109	- 25 °C	- 25 °C	+ 15 °C
Dimensional stability L	UNI EN 1107-1	- 0.3 %	- 0.3 %	\geq
Stability of shape when hot	EN 1110	100 °C	100 °C	\geq
Stability of shape when hot after ageing	UNI EN 1296 UNI EN 1110	-	90 °C	- 10 °C
Tensile breaking strength L/T	UNI EN 12311-1	850/650 N/50 mm	870/650 N/50 mm	- 20 %
Elongation at break L/T	UNI EN 12311-1	50/50 %	50/50 %	- 15 v.a.
Joints tensile breaking strength L/T	UNI EN 12317-1	800/600 N/50 mm	800/600 N/50 mm	20 %
Tear strength (method B) L/T	UNI EN 12310-1	170/180 N	170/180 N	- 30 %
Static load strength	UNI EN 12730	20 Kg	20 Kg	\geq
Dynamic impact strength	UNI EN 12691	1250 mm	1250 mm	\geq
Vapour permeability	UNI EN 1931	μ 20000	μ 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: STC 003
REVISION: 11
Date: April 2019

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SAINT-GOBAIN

<u>Characteristic</u>	<u>Regulation</u>	<u>Fleximat P</u>	<u>Fleximat Mineral P</u>	<u>Tolerances</u>
Intended use	EN 13707 System 2+	Substrate or intermediate layer Under heavy protection	Finishing layer Single layer*	-
	EN 13969 System 2+	Foundations Retaining walls	-	-

..(*) only 4mm version ..

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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