

Technical Commercial Data Sheet

Polimat Mineral TF

Fire-resistant waterproofing membrane **B_{ROOF} (t2)**



Dimensional Features

Length	10 m - 1% (UNI EN 1848-1)	Tol. ≥
Width	1 m - 1% (UNI EN 1848-1)	Tol. ≥
Weight/ m ²	4,5 kg (UNI EN 1849-1)	Tol. 10%



Descrizione

POLIMAT MINERAL TF is realized with elastoplastomeric (BPP) compound that reaches -10°C cold flexibility. Their reinforcement of the membrane is made by strengthened polyester. The membrane is specifically designed to have an excellent resistance to external fire.

POLIMAT MINERAL TF (Tagliafuoco) has a classification of fire behaviour of B_{ROOF} (t2) on every kind of slope and substrate that has a density of > 15 kg/m³, according to the European Norm EN 13501-5.

Application

- Use Personal Protective Equipment as requested by law;
- Clean properly the surface on which membranes has to be applied;
- The treatment of the application surface with Bituver ECOPRIVER water based bituminous primer is suggested;
- POLIMAT MINERAL TF is meant to be applied by flame with a gas propane blow torch by heating the lower face, covered with a special termofusibile film;
- Apply between +5° C and + 35° C.

Recommended Use

POLIMAT MINERAL TF membranes can be used as top layer.

Storage

It is advisable to 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
POLIMAT MINERAL TF	Polyester	Slate	4,5 kg	230



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Test	Standard reference	POLIMAT MINERAL TF	TOLERANCE
Visible Faults	UNI EN 1850-1	absent	-
Straightness	UNI EN 1848-1	10 mm	≤
Water tightness	UNI EN 1928	60 kPa	≥
Cold flexibility	UNI EN 1109	- 10 °C	≤
L dimensional stability	UNI EN 1107-1	- 0,3 %	≥
Flow resistance	EN 1110	120 °C	≥
Flow resistance after ageing	UNI EN 1296 UNI EN 1110	110 °C	- 10 °C
Tensile strength at breaking L/T	UNI EN 12311-1	600/400 N/50 mm	- 20 %
Elongation at breaking L/T	UNI EN 12311-1	35/35 %	- 15 a. v.
Tear resistance (B method) L/T	UNI EN 12310-1	140/140 N	- 30 %
Static load resistance	UNI EN 12730	10 Kg	≥
Dynamic punching resistance	UNI EN 12691	800 mm	≥
Vapour permeability	UNI EN 1931	μ 20000	-
Fire reaction	EN 13501-1	NPD	-
External fire reaction	EN 13501-5	B roof (t2)	-
Granules adhesion	UNI EN 12039	30%	≤
Resistance to water penetration	UNI EN 1928	CLASS W1	-
Water tightness after exposure to chemical agents artificial ageing	App. C EN 13859-1	NPD	-
Uses	EN 13707 System 2+	Top layer	-
	EN 13859-1 System 4	Under tiles	-

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.



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Saint-Gobain PPC Italia S.p.A. – Attività Isover
Headquarters: Via Ettore Romagnoli, 6 – 20146 Milano
Bituver plant: Via G.Pastore, 15 - 66013 Chieti Scalo (CH) - Tel. 0871/588021 - Fax 0871/ 552483
www.bituver.com

