

BITUVER MEGEVER AL TF



The MEGEVER AL TF waterproofing membranes are made with a special bituminous-based compound modified with new generation elastomeric polymers (BPE).

Cold flexibility of -25°C .

The membrane is covered with an **embossed aluminium foil** available in natural colour.

MEGEVER AL TF has **B_{ROOF} (t₂) fire performance classification on any type of substrate, even combustible**, with volume mass no lower than 15 kg/m^3 , in accordance with standard UNI EN 13501-5, **valid for risk assessment in accordance with the guide for installation of VV.F photovoltaic systems**.

Application

- Use the PPE required by the law
- Adequately clean the support and ensure that it is perfectly dry
- We always recommend preparing the support with bituminous primer Bituver ECOPRIVER
- MEGEVER AL TF 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 $+5^{\circ}\text{C}$ and $+35^{\circ}\text{C}$
- Use cloths that are a maximum of 5 m long;
- Avoid direct contact of the metal with the torch flame in order to prevent causing damage to or detachment of the sheet;
- Weld the cloths heating primarily the underlying membrane;
- As a first sealing layer, using reinforced composite polyester membrane is preferable;
- Avoid job site handling on the product, especially after torching;
- Footwear must be kept clean during installation. It may be helpful to protect the membrane surface during laying;
- It is good standard practice to wear suitable, wide-sole footwear without heels in order not prevent damaging the metallic sheet;
- For slopes greater than 20%, carry out a mechanical fastening every 20 cm;
- In the event of use on insulation, use MEGEVER AL, preparing a vapour barrier under the insulating material and an adequate number of aerators;
- Any applications of MEGEVER AL TF on thermal insulation must be agreed upon preventively with Saint-Gobain Technical Service.

Recommended uses

The MEGEVER AL TF membranes are particularly ideal as a finishing layer, in coverings with significant aesthetic value and where maintenance operations must be reduced to a minimum.

Storage

Store the rolls indoors, protected from sunlight and at a temperature no lower than $+5^{\circ}\text{C}$. 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:	weight/m ²	m ² /Pallet
MEGAVER AL TF	Glass tissue and fibreglass	Aluminium foil	4.5 kg	230

Dimensional Specifications

Length	10 m - 1%, (UNI EN 1848-1)	Tol. ≥
Width	1 m - 1% (UNI EN 1848-1)	Tol. ≥
Weight per m ²	(UNI EN 1849-1)	Tol. 10%

Technical data

Characteristic	Regulation	Megaver California	Tolerances
Visible defects	UNI EN 1850-1	absent	-
Straightness	UNI EN 1848-1	10 mm	≤
Waterproof rating	UNI EN 1928	60 kPa	≥
Flex. when cold	UNI EN 1109	- 25 °C	≤
Flex. when cold after ageing	UNI EN 1296 UNI EN 1109	- 20 °C	+ 15 °C
Dimensional stability L	UNI EN 1107-1	NPD	≥
Stability of shape when hot	EN 1110	100 °C	≥
Tensile breaking strength L/T	UNI EN 12311-1	1100/950 N/50 mm	- 20 %
Elongation at break L/T	UNI EN 12311-1	5/5 %	- 15 v.a.
Tear strength (method B) L/T	UNI EN 12310-1	200/200 N	- 30 %
Static load strength	UNI EN 12730	NPD	≥
Dynamic impact strength	UNI EN 12691	NPD	≥
Vapour permeability	UNI EN 1931	μ 670,000	-
External fire resistance	EN 13501-5	B roof (t2)	-
Reaction to fire	EN 13501-1	E	-
Stability of shape in conditions of cyclic temperature variations	UNI EN 1108	2 mm	≤
Intended use	EN 13707 System 2+	Finishing layer	-

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.



Saint-Gobain PPC Italia S.p.A.

Via E. Romagnoli, 6 • 20146 Milan • Italy • Tel. +39 02 61115.1
info.it.isover@saint-gobain.com | www.isover.it

CODE: STCB 002
REVISION: 10
DATE: April 2019

ISOVER
SAINT-GOBAIN