

Technical Commercial Data Sheet

Megaver CU

Copper waterproofing bitumen polymer membrane



Dimensional features

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

Description

The MEGAVER CU membranes are realized with a special compound based on bitumen modified with new generation elastomeric polymers (BPE), with – 25°C cold flexibility. The reinforcement is double and consists in glass tissue and glass cloth. MEGAVER CU is faced with a pure copper goffered foil.

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;
- MEGAVER CU 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;
- Use maximum 5 m long rolls;
- The metal foil works as vapour barrier, consequently, the base on which this membranes has to be applied must be perfectly dry;
- Pay attention to avoid direct contact of the metal foil with the flame in order to avoid damages or delamination of the foil;
- Heat primarily rolls of the base layer, the direction of the flame has to be on the reverse side of the previous layer of metal faced membrane that is already placed;
- As base layer is suggested to use double glass tissue or composite polyester reinforced membranes;
- Avoid to move heavy items on the product during construction site after that is placed;
- Wear shoes with large sole and without heels;
- On slopes above 20% make a mechanical fixing every 20 cm;
- The use on insulation materials without ventilated roofs is not acceptable.
- Eventual use of MEGAVER CU on thermic insulation materials must be always previously concerted with BITUVER Technical Service.

Recommended Use

MEGAVER CU membranes are particularly indicated as top layers in high aesthetic value roofs where the maintenance has to be kept at the minimum level.

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	WEIGHT/m ²	m ² PER PALLET
Megaver CU 4kg	Glass cloth + glass tissue	Copper	4 kg	250
Megaver CU 4.5kg	Glass cloth + glass tissue	Copper	4,5 kg	230



Isover Saint-Gobain
è socio ordinario
del GBC Italia

CODE: STCBE 117
REVISION: 07
DATE: October 2016
Pag. 1 a 2



Saint-Gobain PPC Italia S.p.A. – Isover Brand
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.it/en



Technical Commercial Data Sheet

Megaver CU

Test	Standard Reference	MEGAVER CU	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	- 25 °C	≤
Flexibility after ageing	UNI EN 1296 UNI EN 1109	- 20 °C	+ 15 °C
L dimensional stability	UNI EN 1107-1	NPD	≥
Flow resistance	EN 1110	100 °C	≥
Tensile strength at breaking L/T	UNI EN 12311-1	1100/950 N/50 mm	- 20 %
Elongation at breaking L/T	UNI EN 12311-1	5/5 %	- 2 a. v.
Tear resistance (B method) L/T	UNI EN 12310-1	200/200 N	- 30 %
Static load resistance	UNI EN 12730	NPD	-
Dynamic punching resistance	UNI EN 12691	NPD	-
Vapour permeability	UNI EN 1931	μ 50 000	-
Fire reaction	EN 13501-1	NPD	-
Sd	UNI EN 1931	160 m	-
External fire resistance	EN 13501-5	F roof	-
Form stability under cyclic temperature changes	UNI EN 1108	2 mm	≤
Uses	EN 13707 System 3	Top layer	-

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.



Isover Saint-Gobain
è socio ordinario
del GBC Italia

CODE: STCBE 117
REVISION: 07
DATE: October 2016
Pag. 2 a 2



Saint-Gobain PPC Italia S.p.A. – Isover Brand
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.it/en

