

Technical Commercial data Sheet

MURO DRY

Waterproofing bitumen polymer membrane for foundations and earth retaining walls



- High durability
- Increased adhesion
- Tear and dynamic punching resistance
- Lightness
- Roll Stability
- Application comfort



Description

MURODRY is specially designed for the waterproofing of foundations and earth retaining walls, key works because of the complexity in the application and the difficulty of the remake of underground works.

MURODRY membranes are made with a specific elastoplastomeric compound with an addition of adhesion promoters that gives particular features to the product, especially in terms of their durability, their ability to adhere to the substrate and their specific weight.

The reinforcement is constituted by a high weight non-woven fabric of polyester strengthened with continuous filament that gives excellent performances in application and high mechanical strength in the operating life of the membrane.

The finishing of MURODRY is in polyethylene on both the top and bottom faces. In this way, the user comfort is considerably higher than that which can be ensured with talc or sandblasted membranes.

Application

- Use Personal Protective Equipment as requested by law;
- Clean properly the surface on which membranes has to be applied;
- The preparation of the substrate with Bituver ECOPRIVER bituminous primer is always recommended;
- MURODRY is suitable to be applied to flame by heating with a propane torch of the lower face coated with a special hot-melt film;
- Always apply between +5 ° C and +35 ° C;
- Refer to the instructions on www.bituver.com .

Recommended Use

MURODRY is designed to be applied in waterproofing of foundations and earth retaining walls.

Storage

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.

Length	10 m - 1% (UNI EN 1848-1)	Tol. ≥
Width	1 m - 1% (UNI EN 1848-1)	Tol. ≥
Thickness	3/4 mm (UNI EN 1849-1)	Tol. 0,4 mm

TYPE	REINFORCEMENT	UPPER FINISHING	THICKNESS	* WEIGHT/m ²	m ² PER PALLET
MURODRY 3 MM P MURODRY 4 MM P	Polyester Polyester	Polyethylene Polyethylene	3 mm 4 mm	2,8 kg 3,8 kg	250 230

* average value



Isover Saint-Gobain
è socio ordinario
del GBC Italia

CODICE: STCBE 156
REVISIONE: 02
DATA: april 2016
Pag. 1 di 2

Saint-Gobain PPC Italia S.p.A. – Brand Isover
Headquarter: 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



Technical Commercial data Sheet

MURO DRY

Technical features

Test	Standard reference	MURODRY P	Tolerance
Visible Faults	UNI EN 1850-1	Absent	-
Straightness	UNI EN 1848-1	10 mm	≤
Watertightness	UNI EN 1928	200 kPa	≥
Cold flexibility	UNI EN 1109	- 20 °C	≤
Flow resistance	EN 1110	130 °C	≥
Tensile strength at breaking L/T	UNI EN 12311-1	700/700 N/50 mm	- 20 %
Overlaps tear resistance L/T	UNI EN 12317-1	600/600 N/50 mm	- 20 %
Elongation at breaking L/T	UNI EN 12311-1	45/45 %	- 15 v.a.
Tear resistance (B method) L/T	UNI EN 12310-1	150/150 N	- 30 %
Static load resistance	UNI EN 12730	20 Kg	≥
Dynamic punching resistance	UNI EN 12691	1000 mm	≥
Vapour penetration	UNI EN 1931	μ 20000	-
UV ageing	UNI EN 1297	NPD	-
Fire reaction	EN 13501-1	NPD	-
Resistance to water penetration after exposure to chemical agents	UNI EN 1928 UNI EN 1847	NPD	-
Resistance to water penetration after artificial ageing	UNI EN 1928 UNI EN 1296	Passes the test	-
Uses	EN 13969 System 2+	Foundations Earth retention	-
	EN 13707 System 2+	Base layer Middle 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

CODICE: STCBE 156
REVISIONE: 02
DATA: april 2016
Pag. 2 di 2

Saint-Gobain PPC Italia S.p.A. – Brand Isover
Headquarter: 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

