

SOPRAFILTRE

SOPRAFILTRE is a filtering layer composed of a non-woven synthetic fibers, needle bonded and thermowelded.

User application

SOPRAFILTRE is used as filtering layer, associated with a drainage layer for green roofs, or as separation layer in inverted roof systems.

All the applications are described in Technical Approvals or **SOPREMA**'s Technical Guidelines in force.

Composition

SOPRAFILTRE	
Component	Non-woven synthetic fibers 100% polypropylene needle bonded and thermowelded

Packaging

SOPRAFILTRE		
Dimensions of the roll	25 m x 1,1 m	90 m x 2,2 m
Area	27,5 m ²	198 m ²
Weight of the roll	about 2,8 kg	about 19,8 kg

Characteristics (outside CE marking)

SOPRAFILTRE	
Density (NF EN ISO 9864) [g/m ²]	100
Thickness (under 2 kPa) (EN ISO 9863-1) [mm]	0,8
Resistance to trapezoidal tearing (ASTM D4533) [N]	180



TECHNICAL DATA SHEET

n° MISFR010/a cancels and replaces N° DTE 14-030_EN

Installation

SOPRAFILTRE is unrolled directly on the support ensuring to fold the 10 cm bridging strip. The **SOPRAFILTRE** may be temporarily held in place by using dots of glue **SOPRACOLLE 300 N**.

After laying the **SOPRAFILTRE**, heavy protection will be made to the advancement in the case of a loose laid waterproofing system, and in the case of an inverted roof. In other cases, this heavy protection will be installed quickly (the product can be left exposed to UV maximum 1 month).

Indications particulières

Hygiene, health and environment:

The product does not contain any substance likely to be detrimental to health or to environment and complies with generally admitted Health and Safety Requirements. For further information, please refer to relevant Safety Data Sheet.

Traceability:

Product traceability is ensured through a manufacturing code present on the packaging.

Quality control:


SOPREMA has always attached the highest importance to the quality of its products, to the respect of environment and men.

For this reason, we apply an integrated management of the Quality and Environment certified **ISO 9001** and **ISO 14001**.

TECHNICAL DATA SHEET

n° MISFR010/a cancels and replaces N° DTE 14-030_EN

CE marking

 0099 SOPRAFILTRE
SOPREMA 14 rue de Saint-Nazaire – CS 60121 67025 STRASBOURG cedex 14 Construction Product Regulation (CPR) Declaration of Performance : DoP n° MISFR010 Certificate of Factory Production Control : 0099-CPR-A42-0099
EN 13252:2000 / A1:2005
Geotextile for drainage system (F / F+S / D)

Essential characteristics	Performances	Harmonised Technical Specification
Tensile properties : Tensile strength (kN / m) Longitudinal Transverse	5,3 [- 0,8] 7,5 [-1,1]	EN 13252:2000 + A1:2005
Resistance to dynamic perforation (mm)	40 [+4]	
Resistance to static loading (kN)	1,1 [-0,1]	
Filtration aperture (µm)	90 [± 9]	
Water permeability (mm/s)	116 [-12]	
Flow capacity in the plan (m ² /s)	1,4.10⁻⁶ [-0,1.10⁻⁶]	
Durability (years)	>25 ; natural soil 4 < pH < 9 ; T <25°C	
Dangerous substances	Complies	

Note 1 : The performances for perforation, filtration aperture and water permeability are indicated for the geotextile only before thermowelding on the grid and for only one thickness.