

# GRAVIFILTRE

## DESCRIPTION

GRAVIFILTRE is a geotextile used as a filter layer between GRAVIDRAIN and the soil, in the GRAVIFLEX roof garden system.

## USE

Excellent filter and drainage layer in the GRAVIFLEX system.

Can also be used with TERANAP TP in civil engineering waterproofing (underneath the geomembrane over natural soil or rough concrete).

This product can also be used as disconnection layer

## COMPOSITION

GRAVIFILTRE is a 200 g/m<sup>2</sup> non woven white polyester fleece.

## DIMENSIONAL CHARACTERISTICS

Measures	Test method	Values
Nominal roll length (m)		100
Nominal roll width (m)		2
Nominal thickness (mm)	EN 964-1	2.4
Nominal weight (kg/m <sup>2</sup> )	EN 964	0,200

## PERFORMANCES

KIND OF TEST	Reference Norme	Units	Average values
Tensile strength at break	EN 10319	N/50mm	75
Elongation at break	EN 10319	%	> 70
Dynamic puncturing	EN 918	mm	25
Static puncturing (not contractual)	EN 12236	N	300
Water flow		mm/s	91

## ISO 9001 REFERENCE DOCUMENT

. Our company has been awarded the ISO 9001 certificate for all its establishments in France.

. The Technical Agreement GRAVI is the ISO 9001 reference document.



Product Technical Information

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Page 2/2

**PACKAGING**

Roll quantity per truck pallet	4
Roll quantity per container pallet	4
Nominal weight / roll (kg)	40
Nominal weight / pallet (kg)	160

**APPLICATION**

Using	The generalities about the product using are set out in the ZSA STANDARD
Application	The generalities about the product application are set out in the ZTA STANDARD
Overlaps	Current building practices concerning overlaps are set out in the ZRA STANDARD
Slopes	0 to 5%

GRAVIFILTRE is loose laid directly over GRAVIDRAIN with 100 m overlaps and turned up to the expected top level of the soil at parapets and walls.

It is recommended to load GRAVIFILTRE immediately to prevent wind uplift.

Installation of the soil should be done carefully to avoid damage and displacement of the GRAVIFILTRE layer.

**COMPLEMENTARY INFORMATIONS**

Product identification	
Values	Where 2 values for given characteristics are shown, the first is for longitudinal direction and the second is for the cross direction.
Tolerances	The average values derived from standard tests and are subject to the usual production variations. The indicated average values comply with the UEAtc standard project (prEN 13707). The nominal value tolerances comply with the UEAtc standards. Some slight variations can be noticed as the values are based on the average values obtained from several plants.
Modification(s)	Our company reserves the right to modify its composition as a result of technologic and experiments improvements. This product data sheet supersedes the previous edition, to obtain the up-date technical data sheet, please contact our technical department.
Hazardous classification	It is not classified as dangerous according to the international regulation (ADR, RID, IATA, et RTMDR)
Complementary information	This product is only a product technical data sheet, regarding each waterproofing design, please, consult the concerned technical agreement and in case of doubt contact our technical department.
Storage	This product is packaged in rolls set up vertically on pallet. It must be stored vertically under shelter, away from heat sources.