

# GRAVIDRAIN

## DESCRIPTION

GRAVIDRAIN is a 1 kg/m<sup>2</sup> white polystyrene drainage layer specially developed for roof gardens and planters application.

It is in association with GRAVIFILTRE the drainage system of the GRAVIFLEX roof garden system.

GRAVIDRAIN replaces the 100 mm pebble drainage layer usually specified in roof gardens and planters design, hence allowing reduction of dead loads on the structure.

GRAVIDRAIN is light and easy to handle, quickly installed and may improve the overall thermal insulation.

## COMPOSITION

GRAVIDRAIN is a 25 kg/m<sup>3</sup> perforated polystyrene moulded panel.  
 It does not contain CFC (Chloro-Fluoro-Carbon).


## DIMENSIONAL CHARACTERISTICS

Nominal length (mm)	1200
Nominal width (mm)	1000
Nominal thickness (mm)	40

## PERFORMANCES (not contractual, for information only)

KIND OF TEST	Reference Norm	Units	Average values
Drainage capacity per sq. meter of panel		m <sup>2</sup>	0.050
Recommended compressive strength This product accepts 1 metre of soil		MPa	0.02
Expansion rate		Negligible	

## 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.	

## PACKAGING

Panels number per pack	10, say 12 m <sup>2</sup>
Quantity per truck pallet	
Quantity per container pallet	

## 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
Slopes	0 to 5%

GRAVIDRAIN panels are loose laid over GRAVIFLEX roof garden waterproofing system.

At edges and protrusions, GRAVIDRAIN panels are easily cut with a saw or Stanley knife.

To prevent wind uplift and damage due to unexpected traffic, it is recommended the filter layer GRAVIFILTRE and the soil is installed immediately.

The use of an adhesive may be used on occasions. In such a cases, COLLE PAR cold adhesive is recommended.

## COMPLEMENTARY INFORMATIONS

Product identification	
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 on pallet. It must be stored under shelter, away from heat sources.