



Composite draining system

DESCRIPTION

High-density polyethylene geocomposite for drainage systems, with filtering polypropylene-based geotextile. Applications comprise drainage systems and mechanical protection of waterproofing structures. Bunding walss, foundations exposed to hydrostatic pressure and bridge structures.

CERTIFICATIONS

CE marking per EN 1352, for drainage systems use.

TECHNICAL DATA

INFORMATION ON THE PRODUCT BEFORE APPLICATION

FILTERING GEOTEXTILE

Material description	Polypropylene
Weight	100 g/m ²
Tensile strength	7.5 kN/m
Maximun elongation	>45 %
Static indentation	1150 N
Dynamic indentation	38 mm
Water permeability	110 mm/s
Pore size	100 microns

NODULAR CORE

Material description	HD polyethylene
Weight	500 g/m ²
Width	2 m

GEO COMPOSITE

Weight	600 g/m ²
Thickness 2kPa	7.5 mm
Tensile strength	10 kN/m
Maximun elongation	30%
Compression strength	200 kN/m ²
Plane wáter flow MD (20kPa, R/E, i=1)	1.65 l/m.s
Minimun durability	5 years
Packaging	Rolls Width: 2 m 20 m each rollo 40 m ² each palet

Storage	Keep at room temperature, in its original packaging, avoiding sudden temperature changes.
Use before	Recommended use up to 36 months after manufacturing date.

INSTRUCTIONS

Cover the composite within 2 weeks after installation.

ENVIRONMENTAL PRECAUTIONS

Treat residues as inert waste, according to applicable local law.

OTHER INFORMATION

The information contained in this DATA SHEET, as well as our advice, both written as verbal or provided through testing, are based on our experience, and they do not constitute any product guarantee for the installer, who must consider them as simple information.

We recommend to study deeply all information provided before proceeding to the use or application of any of our products, and strongly advise to conduct tests "on-site" in order to determine their convenience for a specific project. Our recommendations do not exempt of the obligation of installers to deeply study the right application method for these systems before use, as well as to conduct as many preliminary tests as possible should any doubt arise. The application, use and processing of our products are beyond our control, and therefore under the exclusive responsibility of the installer. In consequence, the installer will be the only responsible of any damage derived from the partial or total in-observation of our indications, and in general, of the inappropriate use or application of these materials.

This data sheet supersedes previous versions.