



VOLDRAIN ICD® 8

INTERNAL CAVITY DRAINAGE SYSTEM

DESCRIPTION

Voldrain ICD 8 is a nodular sheet composed of high density polyethylene (HDPE) and joined to a non-woven geotextile of calendered polypropylene of 120 g/m².
Nodule height is 7.3 ± 0.2 mm.
It is specially designed as drainage layer and for protection of underground walls and slabs in contact with the ground

SIZE & PACKAGING

Material Supplied

Length 20 m
Width 2.10 m
Nodule height 7.3 ± 0.2 mm
Roll surface 42 m²
Rolls per pallet 6 rolls

TECHNICAL DATA

Physical Properties

PHYSICAL PROPERTIES VALUE UNIT NORM

N. of nodules 1907 - -
Compressive resistance 180 ±20% KN/m² UNE EN ISO 604
Modules of elasticity 1500 N/mm² ISO 178
Water absorption 1 mg/4d DIN 53495
Drainage capacity, approx. 5 l/s.m 5
Temperature range -30 a 80 °C -
Air volume between nodules approx. 5.9 l/m² -

Geotextile Properties

PHYSICAL PROPERTIES VALUE UNIT NORM

Puncture resistance (CBR) 2.5 -0.5 KN UNE EN ISO 12236
Longitudinal tensile strength 15.0 -2.0 KN/m UNE EN ISO 10319
Longitudinal elongation at break 100±20 % UNE EN ISO 10319
Opening size 160±30 _m UNE EN ISO 12956
Water permeability 61.40 Exp-3-9.21 Exp-3 m/s UNE EN ISO 11058

HEALTH & SAFETY

There are no health & safety implications in the normal use of this product

NOTES

This data sheet is for general guidance purposes only and may contain information that is inappropriate for certain conditions of use. Accordingly, all recommendations and suggestions are made without guarantee.

Further information is available from our technical department