

Multidrain 400

Drainage membrane for foundation wall, roof and terrace

Description:

Platon MultiDrain 400 is made of polypropylene (PP). The drainage plate has a filter fabric welded to the top of the studs to create a drainage layer. Because one layer is impermeable while the other is permeable, water can drain away without small particles blocking the passages.

Application:

Used as a protective and drainage plate on the outside of externally insulated outer walls below ground level, and for moisture protection, drainage and protection of membranes in roof and terrace constructions. Can also be used with green roofs as a drainage layer in areas where there is no need for water storage, e.g. in walkways or roof gardens with thick soil layers.

Storage:

Store upright and protected from sunlight

Approvals and guarantee



Installation:

Attached on external walls below ground level directly against insulation boards or building systems of EPS or XPS. All joints must be installed with overlaps. The plate can be easily cut to size using a knife. MD 400 is fastened using Platon fastening screws for insulation. The plate ends 5 cm below ground level and is finished with Platon transition fittings. On horizontal surfaces, MD 400 is installed directly on the terrace or roof membrane. NB: The plate is designed to have a drainage direction. Joints should be laid with overlaps that ensure continuous drainage.

For more details see laying instruction on our website.

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Product data	Value	Designation
Construction height	9	mm
Material	Polypropylen	-
Height of studs	8/6	mm
Thickness	0,75	mm
Weight pr. m2	785	g

Product number	Width	Length in mm
403131	2050 mm	11000 mm
403128	1050 mm	10000 mm

Properties	Method	Unit	Value
Maximum time before coverage	EN ISO 12224	Weeks	2
Compression strength	EN ISO 25619-2	kPa	450
Tensile strength (d) MD	EN-ISO 10319	kN/m	10,0; (- 1,1)
Tensile strength (d) CMD	EN-ISO 10319	kN/m	14,0; (- 1,1)
Elongation At Maximum Tensile Force MD	EN-ISO 10319	%	55%; (-10%)
Elongation At Maximum Tensile Force CMD	EN-ISO 10319	%	55%; (-10%)
Water flow capacity in the plane MD	EN ISO 12958	l/sm	1,67
Shelf life	EN ISO 13438	Years	50
Dangerous Substances	No method available	-	None
Water flow capacity in the plane CMD	EN ISO 12958	l/sm	1,67
Resistance to oxidation	EN ISO 13438	-	<50 years

