



T-DRAIN 4,2 50 12F

Year of last update: 2024



Function: Drainage

STRUCTURE: HDPE geonet with two Polypropylene (PP) geotextiles heat laminated

FILTER GEOTEXTILE

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Raw material			PP	
Weight	EN ISO 9864	g/m ²	120	-10%
Water permeability normal to the plane	EN ISO 11058	mm/s	90	+/-30
Opening size	EN ISO 12956	micron	<170	

GEONET

Raw material (+ UV st.)			HDPE	
Density	ASTM D 1505	g/cm ³	>0,94	

GEOCOMPOSITE

Thickness at 2 kPa/200 kPa	EN ISO 9863-1	mm	5,2/4,2	+/-20%
Weight	EN ISO 9864	g/m ²	740	-10%
Tensile strength MD/CMD	EN ISO 10319	kN/m	19/17	+/-20%
Elongation at max load MD/CMD	EN ISO 10319	%	60/70	+/-30%
HYDRAULIC PERFORMANCES				
Plane flow capacity MD, i=1, R/R	EN ISO 12958	l/(m·s)		+/-30%
		<i>Hydraulic gradient</i>	<i>i = 1</i>	
		Load: 20 kPa	0,62	
		" 50 kPa	0,51	
		" 200 kPa	0,35	
		" 400 kPa	0,24	

S/S: Soft/Soft Contact - S/R: Soft/Rigid Contact - R/R: Rigid/Rigid Contact

STANDARD DIMENSIONS

Width	m	3,6	+/-3%
Length	m	50	+/-3%

To be covered within one month after installation



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REV. 1/2024