



TKNW



Reference standard EN 13252
Certificate number: 1213-CPR-3735

DESCRIPTION: drainage geocomposite made by an internal studded core combined with one filter fabric.

	Reference standard	Value	Measure unit	Toll.
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Fabric

Raw material		PP / PE		
Weight	EN ISO 9864	100	g/m ²	±10

Internal Core

Raw material		HDPE		
Colour		BLUE		
Weight	EN ISO 9864	500	g/m ²	±25

Composite

Weight	EN ISO 9864	600	g/m ²	±50
Thickness at 2 Kpa	EN ISO 9863-1	7,5	mm	±1

Mechanical Properties

Tensile strenght	EN ISO 10319	9	kN/m	±2
Elongation at max load	EN ISO 10319	30	%	±10
Compression resistance	Internal Method	kN/m ²	240	±10%

Hydraulic Properties

Plane flow capacity MD	EN ISO 12958				l/(m ² s)	±20%
	Hydraulic Gradient	Contact	i=0,04	i=0,10	i=1	
	Load: 20 kPa	S/R	0,30	0,50	1,70	
	Load: 50 kPa	S/R	0,17	0,28	1,15	
	Load: 100 kPa	S/R	0,07	0,10	0,50	

* S/R= contact soft/rigid

**MINIMUM DURABILITY PREVISION (natural soils with 4 <pH <9 and T = 25 ° C) = 25 years

Dimensions

Roll				
Length	-	15	m	±0,2
Width	-	1	m	±0,1
Rolls/pt	-	6	n	

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