



Enkadrain[®]

Geocomposite for drainage and filtration

PRODUCT DATA

B10

S5004C/2-2s/T110PP

Properties geocomposite

Hydraulic gradient	load	Flow capacity ^[1] in l/(s.m), (EN ISO 12958)	
i = 1	kPa		
	20	2.10	1.10
	50	1.04	1.00
	100	0.39	0.90
i = 0.1	200	-	0.81
	20	0.62	0.22
	50	0.25	0.19
	100	0.08	0.17
i = 0.03	200	-	0.16
	20	0.29	0.09
	50	0.10	0.08
	100	0.03	0.07
	200	-	0.06
Polymer (core/fleece)		PP / PET-PA	PP / PP
Mass per unit area (EN ISO 9864)	g/m ²	550	720
Thickness (EN ISO 9863-1)	mm	9.5	4.5
Tensile strength (md/cmd) ^[2] (EN ISO 10319)	kN/m	10	14
Elongation at break (md/cmd) ^[2] (EN ISO 10319)	%	40	45
Dynamic perforation (Cone drop) (EN ISO 13433)	mm	20	15

Properties fleece

Dynamic perforation (Cone drop) (EN ISO 13433)	mm	45	35
Opening size (O ₉₀) (EN ISO 12956)	µm	180	140
Water permeability (VI _{H50}) (EN ISO 11058)	mm/s	100	70

Dimensions

Length x width of geocomposite	m	45 x 1.0	50 x 2.0
Length / diameter of roll	m	1.02 / 1.1	2.4 / 0.6
Gross weight ^[3]	kg	25.5	77.5

The values given are indicative values obtained in our laboratories and independent testing institutes. The material must be covered within 14 days after installation.

[1] Flow capacity is tested in machine direction under rigid/foam circumstances, B10 is tested in machine- and cross machine direction.

[2] md = machine direction / cmd = cross machine direction.

[3] Gross weight = geocomposite + core + packaging, individual values may vary.

