



# Enkadrain<sup>®</sup>

Geocomposite for drainage and filtration

## PRODUCT DATA

B10

S5004C/2-2s/T110PP

### Properties geocomposite

Hydraulic gradient	load	Flow capacity <sup>[1]</sup> 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 <sup>2</sup>	550	720
Thickness	(EN ISO 9863-1) mm	9.5	4.5
Tensile strength (md/cmd) <sup>[2]</sup>	(EN ISO 10319) kN/m	10	14
Elongation at break (md/cmd) <sup>[2]</sup>	(EN ISO 10319) %	40	45
Dynamic perforation (Cone drop)	(EN ISO 13433) mm	45	15
Opening size (O <sub>90</sub> )	(EN ISO 12956) μm	180	140
Water permeability (V <sub>IH50</sub> )	(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 <sup>[3]</sup>	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.

