



# Enkadrain<sup>®</sup>

Geocomposite for drainage and filtration

## PRODUCT DATA

CK 20

CKL 20

CKL 10B

### Properties geocomposite

Hydraulic gradient	load	Flow capacity <sup>[1]</sup> l/(s.m), (EN ISO 12958)		
i = 1	kPa			
	20	3.20	3.20	2.10
	50	1.19	1.25	1.04
	100	0.48	0.53	0.39
	200	0.18	0.22	0.15
Polymer (concrete proof film/core/fleece)		PVC / PA / PET-PA	PET-PA-PP / PA / PET-PA	PET-PA-PP/PP / PET-PA
Mass per unit area (EN ISO 9864)	g/m <sup>2</sup>	2425	990	605
Thickness (EN ISO 9863-1)	mm	22	22	9.5
Tensile strength (md/cmd) <sup>[2]</sup> (EN ISO 10319)	kN/m	15	15	10
Elongation at break (md/cmd) <sup>[2]</sup> (EN ISO 10319)	%	33	33	40
Dynamic perforation (Cone drop) (EN ISO 13433)	mm	22	22	22
Opening size (O <sub>90</sub> ) (EN ISO 12956)	µm	160	160	180
Water permeability (V <sub>IH50</sub> ) (EN ISO 11058)	mm/s	160	160	100

### Dimensions

Length x width of geocomposite	m	15 x 1.0	30 x 1.0	45 x 1.0
Length / diameter of roll	m	1.2 / 0.75	1.05 / 1.0	1.05 / 0.85
Gross weight <sup>[3]</sup>	kg	37	30	28

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- and cross machine direction under rigid/foam circumstances.

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

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

