



Enkadrain[®]

Geocomposite for drainage and filtration

PRODUCT DATA

CK 20

CKL 20

CKL 10B

Properties geocomposite

Hydraulic gradient		load	Flow capacity ^[1] 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 ²	2425	935	615
Thickness	(EN ISO 9863-1)	mm	22	22	9.5
Tensile strength (md/cmd) ^[2]	(EN ISO 10319)	kN/m	15	15	10
Elongation at break (md/cmd) ^[2]	(EN ISO 10319)	%	33	33	40
Dynamic perforation (Cone drop)	(EN ISO 13433)	mm	42	42	45
Opening size (O ₉₀)	(EN ISO 12956)	µm	160	160	180
Water permeability (V _{IH50})	(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 ^[3]	kg	37	28.5	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.

