



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	990	605
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 ^[4] (Cone drop) (EN ISO 13433)	mm	-	22	22

Properties fleece

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	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.

[4] Enkadrain CK 20 includes a PVC layer on one side



The information set forth in this data sheet reflects the best knowledge at the time of publication. The document is subject to change pursuant to new developments and findings. The same reservation applies to the properties of the products described. No liability is undertaken for results obtained by usage of the products and information.

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