



Enkamat®

Permanent erosion prevention system

PRODUCT DATA

7010

7018

7020

7220

Product details

Mass per unit area	(EN ISO 9864)	g/m ²	260	290	400	400
Nominal thickness		mm	10	18	20	18
Tensile strength (md/cmd) ^[1]	(EN ISO 10319)	kN/m	2.0 / 1.4	2.0 / 1.2	2.2/ 1.6	2.0 / 2.2
Polymer 3-dimensional core					PA6	
Color					black	
Polymer density		kg/m ³			1140	
Temperature resistance		°C			-40 to +80	
Inflammability	(DIN 4102)				B2	
Structure type			open	open	open	open, one side flat back
3 dimensional structure providing free volume		%			>95	
Soil retention factor		m/m ²	1810	1290	1420	2980

Dimensions

Length ^[2] x width of geocomposite	m	150 x 1.0	120 x 1.0	100 x 1.0	60 x 1.0
Length / diameter of roll	m	1.03/1.15	1.03/1.25	1.03/1.2	1.03/1.2
Gross weight ^[3]	kg	40	35	40	24.5

Prescription of installation

Ageing:	Good resistance to weathering and UV radiation.
Chemical resistance:	Resistant to all chemicals in concentrations which are normally contained in the earth and surface water.
Toxicity:	None; approved for use in potable water reservoirs; Enkamat is inert and not harmful to the environment.
Rodent damage:	No nutritive value; the tangled structure of the mat is unpleasant to burrowing animals and rodents.

- [1] md = machine direction / cmd = cross machine direction.
 [2] Standard width is 1.0 m; widths of 1.95 m and 3.85 m are available on request;
 [3] Gross weight = matting + packaging, individual values may vary.



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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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