



Enkamat[®]

Permanent erosion prevention system

PRODUCT DATA

7010

7018

7020

7220

Product details

Mass per unit area	(EN ISO 9864)	g/m ²	259	287	395	399
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	2.3 / 1.5	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 1.95	120 x 1.95	100 x 1.95	60 x 1.95
Length / diameter of roll	m	1.95/1.15	1.95/1.3	1.95/1.3	1.95/1.15
Gross weight ^[3]	kg	84	76	86	55

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.
Inflammability:	Low flammability and low smoke formation; approved for use in tunnels.
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 1.95 m; widths of 1.0 m and 3.85 m are available on request;
 [3] Gross weight = matting + packaging, individual values may vary.

