

Interdrain GM

Product specifications



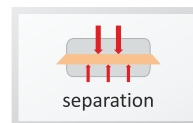
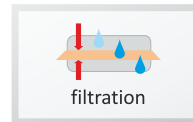
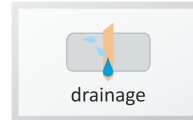
Product description:

Geocomposite Intergrain GM is a geonet made from high-density polyethylene (HDPE) laminated by polypropylene (PP) geotextile on one side. The geonet is made from fibres which intersect at 60° and this pattern creates channels with high flow capacity under pressure and also at very low gradients.

Main uses: horizontal drainage of embankments and roads, railway and tram tracks and other trafficked areas. Vertical drainage of retaining structures, bridges, tunnels and other underground constructions, drainage of playgrounds, waste deposits, landfills etc.

- 1 effective drainage geocomposite with long life span
- 2 high drainage capacity even under pressure

Function:



Certificates:



Interdrain	Tensile Strength		Elongation		Dynamic Perforation (Cone drop test)	Static Puncture (CBR)	Thickness at		Weight	width	length	Roll	
	longitudinal	transverse	longitudinal	transverse			20 kPa	200 kPa				area	weight
	[kN/m]	[kN/m]	[%]	[%]	[mm]	[kN]	[mm]	[mm]	[g/m ²]	[m]	[m]	[m ²]	[kg]
	EN ISO 10319				EN 918	EN ISO 12236	EN 964-1		EN 965				
–	13	10	40	50	10	1,8	6,3	5,8	960	3,8	42	159,6	153,2
GM 412	12	9	40	50	10	1,6	4,5	4,0	620	2,0	50	100,0	62,0
GM 512	13	10	40	50	10	1,7	5,5	5,0	770	2,0	50	100,0	77,0
GM 612	13	10	40	50	10	1,8	6,3	5,8	960	2,0	50	100,0	96,0

Supplier of product: **GEOMAT s.r.o.**

More information about this product on www.geomat.eu/en



Interdrain	Water permeability in the plane with the hydraulic gradient 1,0 and			Opening Size (for geotextile) [mm] EN ISO 12956
	20 kPa [l/m/s] EN ISO 12958	50 kPa [l/m/s] EN ISO 12958	200 kPa [l/m/s] EN ISO 12958	
–	1,91	1,70	1,30	0,1
GM 412	1,26	1,11	0,76	0,1
GM 512	1,64	1,43	1,10	0,1
GM 612	1,91	1,70	1,30	0,1

Remarks:

The product has on each side of the geotextile overlaps the size of at least 10 cm. These simplify installation and prevent the penetration of the soil.

Unless indicated otherwise, values are determined according to the applicable European standards and are valid as of the date of this document. Products are subject to continuous development and improvement and these values may change over time.

In case of requirement the delivery of products with different dimensions or other technical data or in the case of interest of technical consultation please contact technical department by e-mail: technika@geomat.eu.

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