

Interdrain GMG

Product specifications



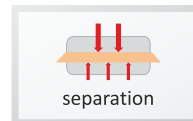
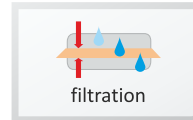
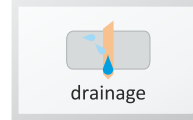
Product description:

Geocomposite Intergrain GMG is a geonet made from high-density polyethylene (HDPE) laminated by polypropylene (PP) geotextile on both sides. 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, 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) [mm] EN 918	Static Puncture (CBR) [kN] EN ISO 12236	Thickness at		Weight [g/m ²] EN 965	width [m]	Roll		
	longitudinal [kN/m]	transverse [kN/m]	longitudinal [%]	transverse [%]			20 kPa [mm] EN 964-1	200 kPa [mm]			length [m]	area [m ²]	weight [kg]
GMG 412	19	17	40	50	10	2,9	–	4,2	740	2,0	50	100	74,00
GMG 512	20	17	40	50	10	3,0	–	5,2	890	2,0	50	100	89,00
GMG 612	20	17	40	50	10	3,1	6,6	6,1	1080	0,1	50	5	5,67
GMG 612	20	17	40	50	10	3,1	6,6	6,1	1080	0,1	50	5	5,40
GMG 612	20	17	40	50	10	3,1	6,6	6,1	1080	2,0	50	100	108,00
GMG 65.20	26	23	40	–	10	4,8	–	–	1240	4,0	42	168	210,00

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]	50 kPa [l/m/s] EN ISO 12958	200 kPa [l/m/s]	
GMG 412	0,67	0,55	0,38	0,10
GMG 512	1,16	1,03	0,74	0,10
GMG 612	1,40	1,25	1,00	0,10
GMG 612	1,40	1,25	1,00	0,10
GMG 612	1,40	1,25	1,00	0,10
GMG 65.20	1,15	1,00	0,82	0,07

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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