



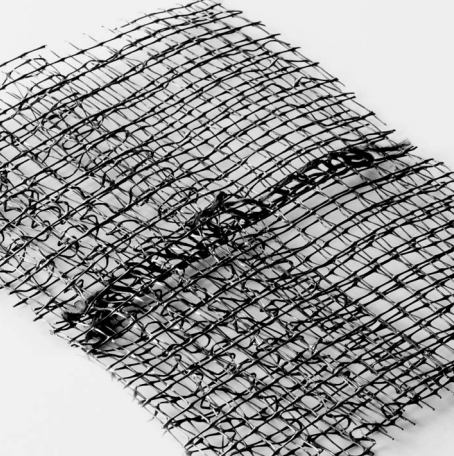
GeoMat Erosion Control Mats

GeoHücre Erosion Control Mats

GeoMat & GeoHücre are erosion control products manufactured from polyethylene or polypropylene and user for preventing surface erosion that wind and water might cause before plantation at slope surfaces.

GeoMat is a multilayered erosion control material manufactured from polypropylene and formed by three layered integrated and rigid grids for the purpose of forming a randomized open structure. While two outer layers are smooth, the grid layer in the middle is undulated.

GeoHücre, on the other hand, is an erosion control material with honeycomb geometry formed with extrusion of high density polyethylene. The joints of the bands have an integrated structure which allows for hydraulic flow between neighboring cells.



GeoMat Erosion Control Mats

GeoHücre Erosion Control Mats

FIELDS OF APPLICATION

GeoMat and **GeoHücre** materials are used at;

- Highway and railroad side slopes
- Lagoon and channel shore slopes
- Dry channel bottoms and side slopes.

- Aesthetical surfaces
- Economical and fast landscaping possibility
- Easy to install with mechanical anchoring
- Self drainage capability

ADVANTAGES

Those products have many advantages together;

- Time and labor savings
- No need expert team
- Durable and long service life
- All season and all weather condition
- Green product
- Environment friendly
- Reduces loose of top soil
- Limits the erosion quantity
- Provides planting and vegetable surfaces

PACKAGING AND STORAGE

GeoMat materials are shipped in the form of rolls with 2 m – 3 m width and 30 m – 50 m length and the **GeoHücre** materials are shipped in the form of pallets.

The materials must be stored on smooth surface. The stored products must be kept away from direct sunlight, heat and combustible sources.

TECHNICAL SPECIFICATIONS

GEOMAT	Properties	GM 1		GM 2	
		MD	CMD	MD	CMD
	Apperant Size (mm)	12	16	7	9
GEOMAT	Tensile Strength (kN/m)	10	15	3,8	13
	Elongation at Yield (m)	20	15	23	23
	Thickness (mm)	20		8	
	Roll Size (m)	2,20 x 30		2,20 x 50	
	Color	BLACK		GREEN	

GEOHÜCRE	Properties	GH 1	GH 2	GH 3	GH 4
	Cell Size (mm)	75 x 200	75 x 300	100 x 200	100 x 300
	Unit Weight (Kg/m ²)	1,15	0,80	160	1,10
	Panel Size (m)	3,5 x 10	5,0 x 10	3,5 x 10	5,0 x 10
	Tensile Strength (kN/strip)	1,20			
	Elongation Strength (%)	15			
	Joint Break Strength (kN/Joint)	0,80			
GEOHÜCRE	Joint Stripping Strength (kN/Joint)	0,35			

Roll Packing

