

Product description

Enkagrid MAX 60 is a rigid, biaxial geogrid for stabilization of soil structures on low bearing capacity soils. Enkagrid MAX 60 is a welded geogrid and its gridstructure of extruded bars delivers increased passive bearing resistance and optimum interaction in most soil types.

By stabilizing the subbase Enkagrid MAX 60 can reduce the granular fill material up to 30 % and decreases construction time significantly. Enkagrid MAX 60 is delivered on site in 5m wide rolls and during installation the product is easy to handle. Enkagrid MAX 60 offers high strength with low strain.

Enkagrid MAX 60 exhibits almost equal tensile strength in both longitudinal and transverse directions, making it most suitable for soil stabilization applications. It has to be covered within four weeks after installation.

Application

Enkagrid MAX 60 is ideal for subbase reinforcement with optimal price/performance. Examples of applications are:

- construction haul roads
- permanent unpaved roads
- paved roads
- working platforms on weak subsoils
- parking areas
- multi layer applications

Over the past years Enkagrid MAX 60 has proven itself in many different projects worldwide under extreme conditions.

Performances

Technical properties

	Enkagrid MAX 60		
	Mean value	Tolerance	
Tensile strength (kN/m) ^[1]	60	- 5	EN ISO 10319
Strength at 2.0 % strain (kN/m) ^[1]	24	- 4	EN ISO 10319
Strength at 5.0 % strain (kN/m) ^[1]	42	- 4	EN ISO 10319
Strain at break (%) ^[1]	7	+/- 2	EN ISO 10319
Polymer	PET		
Aperture size A x B (mm) ^[2]	44 x 37		

[1] 95% confidence level = mean + tolerance

[2] A = nominal aperture size longitudinal direction; B = nominal aperture size transverse direction

Dimensions, identification and weights

Enkagrid MAX Type	Grid			Rolls			
	Width m	Length m	Area m ²	Color-code ^[3]	Ø m	Length m	Gross-weight kg ^[4]
Enkagrid MAX 60	5	100	500	Orange + black	0.45	5	227

[3] According to EN ISO 10320: Identification on site

[4] Gross weight = geogrid + core + packaging

Individual values may vary from above mentioned data.

Quality Assurance



The Quality Management System of Colbond bv, at Arnhem (development and sales) and Obernburg (production), has been approved by Lloyd's Register Quality Assurance Limited for the ISO 9001:2000 quality management system standard (Certificate No. 935136).



0799-CPD

Enkagrid MAX 60 is CE-certified by an independent notified body (0799-CPD).

Colbond bv, P.O. Box 9600, 6800 TC Arnhem, The Netherlands
Phone: +31 26 366 4600 • Fax: +31 26 366 5812
geosynthetics@colbond.com • www.colbond.com

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