



Enkagrid[®] TRC 30

Geogrid for soil stabilization

PRODUCT DATA

Type			TRC 30
Polymer			Aramid / PET-PA
Mechanical properties			
Tensile strength MD/ CMD ^[1]	EN ISO 10319	kN/m	≥ 30
Strain at nominal strength	EN ISO 10319	%	≤ 2.7
Strength at 2.0% strain	EN ISO 10319	kN/m	≥ 21
Resistance to static puncture	EN ISO 12236	kN	1.2
Dynamic perforation resistance	EN 13433	mm	50

Hydraulic properties ^[1]			
Pore size (O ₉₀)	EN ISO 12956	µm	180
Permeability (V _{IH50})	EN ISO 11058	mm/s	190

Dimensions			
Aperture size A x B ^{[2][5]}		mm	14 x 14
Unit weight ^[5]		g/m ²	150
Length x width		m	5.0 x 100
Length / diameter of roll		m	5.12 / 0.35
Gross weight ^{[3][5]}		kg	91
Color code ^[4]			green

[1] Minimum value (95% confidence level)

[2] A = Aperture size longitudinal direction; B = Aperture size transverse direction

[3] Gross weight = geogrid + core + packaging

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

[5] Individual values may vary



The information set forth in this data sheet reflects the best knowledge at the time of publication. The document is subject to change pursuant to new developments and findings. The same reservation applies to the properties of the products described. No liability is undertaken for results obtained by usage of the products and information.

Colbond bv
P.O. Box 9600
6800 TC Arnhem
The Netherlands

T: +31 26 366 4600
F: +31 26 366 5812
geosynthetics@colbond.com
www.colbond-geosynthetics.com
www.colbond.com

