



# Verdagrid C Polypropylene Geogrid Specification Sheet

## Product Description

Verdagrid is a rigid, biaxial geogrid for stabilisation of soil structures on low bearing capacity soils. Verdagrid is a welded geogrid and its grid structure of extruded bars delivers increased passive bearing resistance and optimum interaction in most soil types.

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

Verdagrid exhibits equal tensile strength in both longitudinal and transverse directions, making it most suitable for soil stabilisation applications. It should be covered within four weeks after installation.

Technical Properties		Verdagrid 20/20 C	Verdagrid 30/30 C	Verdagrid 40/40 C	
Polymer		PP	PP	PP	
Tensile strength	(kN/m) <sup>(1)</sup>	20	30	40	EN ISO 10319
Tensile strength 2% strain	(kN/m) <sup>(1)</sup>	8	11	14	EN ISO 10319
Tensile strength 5% strain	(kN/m) <sup>(1)</sup>	16	22	29	EN ISO 10319
Strain at break	(%)( <sup>1</sup> )	9	9	9	EN ISO 10319
Aperture size A x B	(mm <sup>2</sup> )	44 x 41	44 x 40	42 x 38	
Roll Dimension	(m)	5 x 100	5 x 100	5 x 100	
Roll Weight	kg	97	124	159	

(1) Mean value

(2) A = Aperture size longitudinal direction; B = Aperture size transverse direction



All types CE-certified by an independent notified body (0799-CPD).

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