

## TechGrid<sup>®</sup>

## WOVEN GEOGRIDS FOR REINFORCEMENT APPLICATIONS

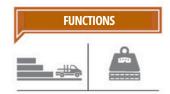


## **TECHGRID 70/70**

"TECHGRID SERIES" are a range of certified high performance woven geogrids for soil reinforcement. They are manufactured from high tenacity PET or PVA yarns with a polymer coating and bonded with PP non-woven geotextiles on demand.

MECHANICAL PROPERTIES	VALUE	UNIT	TOLERANCE
Tensile Strength- MD	70	kN/m	- 0
EN ISO 10319 <b>Tensile Strength- CMD</b> EN ISO 10319	70	kN/m	- 0
Elongation at break- MD ENISO 10319	10.00	%	±2
Elongation at break- CMD	10.00	%	±2
Tensile Strength at %2 strain - MD ENISO 10319	14	kN/m	- 0
Tensile Strength at %2 strain - CMD ENISO 10319	14	k/Nm	- 0
Tensile Strength at %8 strain - MD EN ISO 10319	50	kN/m	- 0
Tensile Strength at %8 strain - CMD EN ISO 10319	50	kN/m	- 0
PHYSICAL & CHEMICAL PROPERTIES			
Mesh Size	25 x 25	mm	± 2.5
Roll Size	5.1 x 100	m	± 0.1
Polymer Type	Polyester		
Coating	Polymer		
DURABILITY			
Expected minimum durability < 25°C 4 < pH < 9 ANNEX B	100	years	
Backfilling time after installation EN ISO 12224	2	weeks	





All information contained here is based our best knowledge and experience and believed to be accurate and reliable. Geomas reserves the right to update the specifications without prior notice. It does not represent any assurance of proper application of the product. For the performance of product in site-specific conditions, detailed installation instruction and most appropriate product selection from GeoDrain range, please take advice of Geomas Technical Department.

**TECHNICAL DATA SHEET** 

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