

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 EN ISO 10319	70	kN/m	-0
Tensile Strength- CMD EN ISO 10319	70	kN/m	-0
Elongation at break- MD EN ISO 10319	10.00	%	±2
Elongation at break- CMD EN ISO 10319	10.00	%	±2
Tensile Strength at %2 strain - MD EN ISO 10319	14	kN/m	-0
Tensile Strength at %2 strain - CMD EN ISO 10319	14	kN/m	-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	

APPLICATIONS



FUNCTIONS

