

PetroGrid™

paving glass grid composite

4582-200

(StarGrid G-PS 200/100)

Style 4582-200 is a composite glass fiber grid pavement interlayer. We wish to advise that PetroGrid™ 4582-200 meets the following minimum average roll values (MARV) listed below:

Minimum Average Roll Values			
Property	Test Method	American Standard	Metric
Tensile Strength (at ultimate)- MD/CD	ASTM D 6637-01	566 / 1133 lbs/in	100 / 200 kN/m
Ultimate Elongation	ASTM D 6637-01	3 + - 1 %	3 + - 1 %
Tensile Strength at 2% Strain	ASTM D 6637-01	280 / 460 lb/in	50 / 100 kN/m
Grid Junction Strength	GSI/GG-2	18 lbs	80 N
Peel Strength	ASTM-D-413	10 lbs/ft	146 N/m
Aperture Size ¹ MD/XD (Typical value)	-	1.2 / 1.2 in	30 / 30 mm
Melting Point	ASTM D-276	Over 425° F	Over 218° C
Typical Values			
Property	Test Method	American Standard	Metric
Mass per unit area	ASTM-D-5261-92	22.3 oz/yd ²	760 g/m ²
Roll dimensions (width x length)	-	7.22 ft x 328.1 ft	2.2 m x 100m
Area	-	263.1 yd ²	220 m ²
Estimated roll weight	-	388 lbs	176 kg

¹ Centerline to Centerline.

PETROGRID™ values listed are a result of testing conducted in on-site laboratories in accordance with the manufacturer quality control procedures (QEP). This information will be supplied to Civil-Tex Geosynthetics' original customer of record at the time of paving composite shipment

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