

## POLYDET® GripStar

- fibre glass reinforced composite in coils
- durable and anti-slip surface
- excellent mechanical properties and resistance
- machine-made hot cured FRP

<b>UV-/weathering resistance:</b>	conditionally, UV excellent
<b>Composition:</b>	anti-slip layer, chopped strand mat, UP-resin
<b>Thickness:</b>	1,5 or 2,0 mm, other thicknesses available on request
<b>Width:</b>	up to 2,600 mm
<b>Length:</b>	60, 80 or 120 m coils
<b>Colour:</b>	anthracite, other colours on request
<b>Surface protection:</b>	none
<b>Bonding preparation:</b>	one-sided corona treatment
<b>Painting:</b>	yes
<b>Density:</b>	approx. 1.4 g/cm <sup>3</sup>



# POLYDET® GripStar

## Technical Data

Inspection Criterion			
Thickness	1,5	mm	
Physical Properties	Unit		Norm
Density	1,47	g/cm <sup>3</sup>	ISO 1183-1A
Water Absorption	0,54	%	ISO 62
Abrasion	58,8	mg/100U	5131 Abraser H18
Glass Content	20	%	
Mechanical Properties			
Flexural Strength	71	N/mm <sup>2</sup>	ISO 14125
Flexural Modulus	1300	N/mm <sup>2</sup>	ISO 14125
Flexural Strain	6,7	%	ISO 14125
Tensile Strength	55	N/mm <sup>2</sup>	EN ISO 527-4
Tensile Modulus	4200	N/mm <sup>2</sup>	EN ISO 527-4
Elongation at Break	1,82	%	EN ISO 527-4
Penetration Test	4	Nm	ISO 6603-2

*The indicated values are the result of measurements done on samples from the above mentioned productions. Consequently, they do not represent any specification.*

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## Technical Data

Inspection Criterion			
Thickness	2.0	mm	
Physical Properties	Unit		Norm
Density	1.40	g/cm <sup>3</sup>	ISO 1183-1A
Water Absorption	0.2	%	ISO 62
Abrasion	42.6	mg/100U	5131 Abraser H18
Mechanical Properties			
Flexural Strength	90	N/mm <sup>2</sup>	ISO 14125
Impact Strength	35	N/mm <sup>2</sup>	ISO 179-1/2n
Penetration Test	11	Nm	ISO 6603-2

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