



## Product Description

**1. Product Name** **Basetrac® Duo-C PET 40-35 B15**

**2. Product Description** Biaxial geogrid plus nonwoven geotextile for base reinforcement with protective polymer coating (grid)

### 3. Raw Materials used

Raw Material of the geogrid:	MD / CMD	PET
Raw Material of the nonwoven:		150 g/m <sup>2</sup> PP
Type of Coating:		polymer

### Technical data

<b>01. Mass per unit area</b> (DIN EN ISO 9864)		g/m <sup>2</sup>	≅ 410
<b>02. Nominal Tensile Strength</b> (DIN EN ISO 10319)	MD CMD	kN/m kN/m	≥ 40 ≥ 40
<b>03. Strain at Nominal Tensile Strength</b> (DIN EN ISO 10319)	MD CMD	% %	≤ 10 ≤ 10
<b>04. Tensile Strength at 2 % Strain</b> (DIN EN ISO 10319)	MD CMD	kN/m kN/m	≥ 9 ≥ 9
<b>05. Tensile Strength at 5 % Strain</b> (DIN EN ISO 10319)	MD CMD	kN/m kN/m	≥ 20 ≥ 20
<b>06. Mesh Size of the Geogrid</b>		mm	35 x 35
<b>07. Opening Size of the Nonwoven</b> (DIN EN ISO 12956)		µm	≅ 120
<b>08. Water Permeability Index Normal to the Plane (nonwoven)</b> (EN ISO 11058)		m/s	≅ 90 x 10 <sup>-3</sup>
<b>09. Standard Roll Dimensions</b> (width x length)		m x m	5,00 x 100
<b>10. Durability</b> (acc. to EN 13249: 2015 ff.)			Predicted to be durable for 100 years in natural soils with 4 ≤ pH ≤ 9 and soil temperatures ≤ 25 °C.