



### DESCRIPTION OF THE PRODUCT :

**TRINTER R** is a flexible geocomposite made by the erosion control mat **TRINTER** joined to **INTERGRID**, a polyester reinforcement geogrid of high tensile strength and low defromation.

The open and volumetric structure **TRINTER R** allows to retain soil layers in slopes, offering an increasement of the friction angle between the cover soil and the rest of geosynthetics (geomembrane, drainage geocomposite or bentonite clay linner). In addition, the high tensile strength and low creep of **TRINTER R** assure a long term reinforcement of the slope.

Structural characteristics	Trinter R					Unit	Standard
	20/20	35/20	55/20	80/30	110/30		
<b>Polymer</b>	PP + HPDE + PET						
<b>Colour</b>	Black, brown or green						
<b>Net configuration</b>	Tridimensional grid + reinforced geogrid						
<b>Weight</b>	460	480	490	580	620	g / m <sup>2</sup>	ISO 9864
<b>Product thickness</b>	20-25	20-25	20-25	20-25	20-25	mm	ISO 9863-1
<b>Number of Undulations</b>	22	22	22	22	22	n <sup>o</sup> /m	
<b>Undulation Mesh Size</b>	10x10	10 x10	10 x10	10 x10	10 x10	mm x mm	
Mechanical characteristics	Trinter R					Unit	Standard
	20/20	35/20	55/20	80/30	110/30		
<b>Peak tensile strength MD</b>	20	35	55	80	110	kN/m	ISO 10319
<b>Peak tensile strength CD</b>	20	20	20	30	30	kN/m	ISO 10319
<b>Elongation at break MD</b>	<12	<12	<12	<12	<12	%	ISO 10319
<b>Elongation at break CD</b>	<12	<12	<12	<12	<12	%	ISO 10319
Roll format	Trinter R					Unit	Standard
	20/20	35/20	55/20	80/30	110/30		
<b>Dimension (m x m)</b>	2 x 25	2 x 25	2 x 25	2 x 25	2 x 25	m	
<b>Diameter</b>	52	52	52	52	52	cm	
<b>Load capacity</b>	Truck: 10.000 m <sup>2</sup>		Container 40HC:		8.500 m <sup>2</sup>		



MD : machine direction (longitudinal)  
CD : cross direction (transversal)

### MAIN USES:

- erosion control of slopes of high inclination and length.
- protection of border edges.
- landfills capping.
- new landfills.
- vegetation over a geomembrane in waterpounds.

### NOTE:

Trinter comes in a vacuumed package. After unrolling, allow 24 hours to recover its original thickness.

This information are typical values based on our present state of knowledge and is intended to provide general notes on our products and their uses.

