



PRODUCT DESCRIPTION:

TRINTER PLUS is an erosion control mat preventing the slope erosion, made of 3 joined nets with a volumetric configuration:

- Two 56 g/m² PP BOP net as a base
- 125 g/m² HDPE rhombic net as a base
- 125 g/m² HDPE rhombic net giving the shape

TRINTER PLUS forms a dense layer preventing the added soil loss that helps the roots to stick in. The undulation net is the volumetric mat and has the lodging cavities for the added soil.

Characteristics	Specification	Unit	Standard
Structural			
Polymer	PP + HDPE		
Colour ⁽¹⁾	Black, Brown or Green		
Net Configuration	Complex		
Weight	395	g / m ²	EN 965-95
Product Thickness	25	mm	EN 964-1
Number of Undulations	22	nº / m	
Undulation Mesh Size	10 x 10	mm x mm	
Technical & Design Parameters			
Tensile Strength :	ISO 10319-1997		
- 10 % Elongation	6,7	kN / m	
- 20 % Elongation	10,0	kN / m	
Soil Loss Ratio (C-Factor) ⁽¹⁾	-- (--)		Rain Splash Test (ECTC method # 2)
- Rain Intensity 50 mm/h	2,72	(0,37)	
- Rain Intensity 100 mm/h	3,10	(0,32)	
- Rain Intensity 150 mm/h	3,35	(0,30)	
Maximum Shear Stress ⁽²⁾	288 (6)	Pa (psf)	Shear Test (ECTC method # 3)
Longevity	> 36	month	
Roll format			
Length	25	m	
Diameter	70	cm	
Width	2,0	m	



⁽¹⁾ Soil Loss Ratio = Soil Loss of unprotected surface divided by Soil Loss with protected surface = 1 / C-Factor

⁽²⁾ Maximum Shear Stress (or Tractive Force) for tall fescue grass reinforced with **TRINTER PLUS**, grown into medium sand soil compacted at 90% Std. Proctor, assuming a reasonable soil loss of 1 cm.

TYPICAL APLICATIONS:

Protection against erosion in slopes:

- roads
- railtracks,
- urbanizations,
- gardens,
- landfills capping,
- border edges
- rivers,
- and channels.





INSTALLATION PROCESS:

The **TRINTER PLUS** product is quick and easy to install. The following phases are a guide to install the product:

1. Regularize and streamline the slopes
2. Prior to the **TRINTER PLUS** installation, two trenches are opened up, one at the top and the other one at the bottom of the slope. The trenches should be at least 20 cm deep and 30 cm wide
3. Anchor the matting firmly to the trench using staples, one each meter
4. Unroll of the **TRINTER PLUS** in the direction of maximum gradient, ensuring that the mat cavities remain horizontal and that the matting itself lies as close as possible to the ground
5. Solid fixing of the **TRINTER PLUS** using staples irons (J-Hooks or similar):
 - Slope angle < 45° : 1 staple each square meter
 - Slope angle > 45° : 2 staple each square meter

Overlap 20 cm from the end of each roll over the next one
Overlap 20 cm from the side union of each roll over the next one
6. Following the strong anchoring to the ground, add and fill it with soil covering the hole undulations (about 2 cm)
7. Carry out the hydroseed with selected seeds

