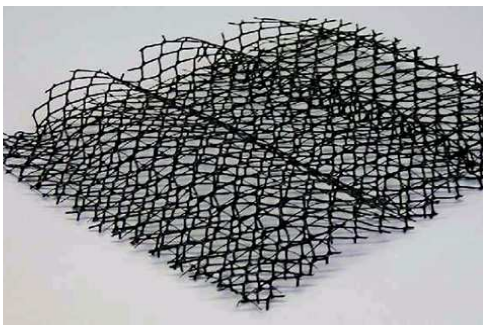
INTERMAS NETS,S.A.
Ronda de Collsabadell, 11
E-08450 Llinars del Vallès
(Barcelona) SPAIN
TEL. 34-93-842 57 00
FAX 34-93-842 57 01
web: www.intermas.com
e-mail: geo@intermas.com

TRINTER

Turf Reinforcement Mat



PRODUCT DESCRIPTION:

TRINTER is an erosion control mat preventing the slope erosion, made of 3 joined nets with a volumetric configuration:
- 40 g/m^2 PP BOP net as a base
- 125 g/m^2 HDPE rhombic net as a base
- 125 g/m^2 HDPE rhombic net giving the shape

TRINTER forms a dense layer preventing the added soil loss that helps the roots to stick in. The ondulation net is the volumetrical 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	320	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	1,7	kN / m	
- 20 % Elongation	3,0	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	
Witdth	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, grown into medium sand soil compacted at 90% Std. Proctor, assuming a reasonable soil loss of 1 cm.

TIPICAL APLICATIONS:

Protection against erosion in slopes:
- roads
- railtracks,
- urbanizations,
- gardens,
- landfills capping,
- border edges
- rivers,
- and channels.

CE Certificate of conformity
0099/CPD/A42/0050

AENOR ER Empresa Registrada ER-0061/2/94

AENOR Gestión Ambiental CGM-98/007

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

June 2007

INTERMAS NETS,S.A.
Ronda de Collsabadell, 11
E-08450 Llinars del Vallès
(Barcelona) SPAIN
TEL. 34-93-842 57 00
FAX 34-93-842 57 01
web: www.intermas.com
e-mail: geo@intermas.com

TRINTER

Turf Reinforcement Mat

INSTALLATION PROCESS:

The **TRINTER** 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** 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** 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** using staples irons (J-Hooks or similar):

   – Slope angle < 45º : 1 staple each square meter
   – Slope angle > 45º : 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