

MODULAR SYSTEM FOR VEGETATED REINFORCED SOIL SLOPES

GEOFABRICS GEOMESH NATURAL WIRE MESH SYSTEM

TECHNICAL DATA SHEET

Geofabrics® Geomesh™ Natural is a modular wire mesh system, designed to create an angled vegetated finish that integrates naturally with the surrounding landscape.

It is constructed using durable double-twist steel wire mesh, that forms an inclined front face Reinforced Soil Slope (RSS) with an integrated tail section for long-term structural stability.

- All wire used in the manufacture of Geomesh Natural wire mesh system complies with EN 10223-3:2013 and has a tensile strength of 350 - 550 N/mm²
- The steel wire used is Zn- 10%Al coated with an additional PVC coating in accordance with EN 10245-2:2011, applied to satisfy the durability criteria for highly corrosive environments
- Manufactured for an expected working life of up to 120 years, ensuring long-term durability and performance

GEOMESH NATURAL - SPECIFICATIONS

TEST	STANDARD	UNITS	VALUE
Physical Properties			
Steel wire diameter (int / ext)	EN 10218-2	mm	2.20 / 3.20
Selvedge wire diameter (int / ext)	EN 10218-2	N	2.70 / 3.70
Zn-10%Al Coating	EN 10244-2	Class	A
Concentricity of PVC coating	EN 10245-3	%	>60

SIZE				
Length (m)	Width (m)	Height (m)	Slope Angle	Tie Bars (No.)
2	2	0.6	70°	3 (Optional)

Sizes and dimensions are nominal. Tolerance of $\pm 5\%$ is permitted.

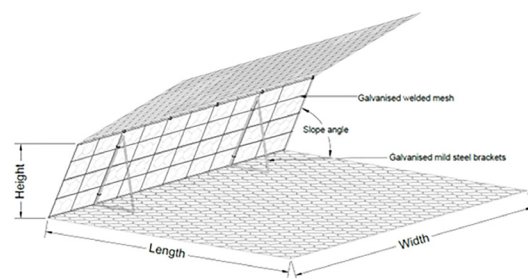
LACING

Lacing wire is used in the assembly of Geomesh Natural.

The diameter of the steel wire shall be 2.2mm.

Stainless steel rings having the following specification can be used instead of lacing wire for assembly:

- diameter: 3.00 mm
- tensile strength: >1550 MPa
- pull-apart strength > 2.0 kN



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