MODULAR SYSTEM FOR MECHANICALLY STABILISED SLOPED EARTH WALLS

GEOFABRICS GEOMESH ROCK WIRE MESH SYSTEM

TECHNICAL DATA SHEET

Geofabrics® Geomesh™ Rock is a modular wire mesh system, designed to build Mechanically Stabilised Earth (MSE) walls with an angled gabion rock-face finish at angles up to 87 degrees.

It is constructed using durable double-twist steel wire mesh, that forms a stable front face and an integrated reinforced tail section for maximum strength.

- All wire used in the manufacture of Geomesh Rock 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

GEMESH ROCK - 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

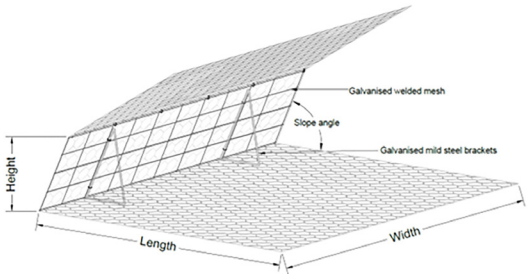
SIZE			
Length (m)	**Width (m)**	**Height (m)**	**Slope Angle**
2	2	0.6	70°

Sizes and dimensions are nominal. Tolerance of ± 5% is permitted.

LACING

Lacing wire is used in the assembly of Geomesh Rock.
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



Visit **geofabrics.com.au** or call 1300 60 60 20 (AU)
or **geofabrics.co.nz** or call 0800 60 60 20 (NZ)

GEOFABRICS®
Sustainable solutions