

CONSTRUCTION

POWERMESH FIREP® FRP

MESH

DESCRIPTION

FiReP® FRP Powermesh was developed to comply with standard grid applications while providing the added benefits of durability or cuttability.

The high load capacity at each joint, comparable to that of welded steel mesh, is unique and makes the design of FRP grid reinforced RC structures a viable option for engineers and architects.

OPTIONS

- Available rod size 3 mm – 12 mm
- Other mesh sizes available on request
- Polyester / Epoxy / Vinyl ester resin
- Non-flammable
- Anti-static coating

ADVANTAGES

- High corrosion resistance
- Cuttability
- High tensile strength
- Flexibility
- Low weight
- Anti-static coating (optional)
- Anti-magnetic
- High thermal isolation
- No electrical conductivity
- Wide range of various meshes and spacing sizes



TECHNICAL DATA

Parameter	Standard 100 x 100 x 6 mm
Rod diameter (mm)	6
Spacing (mm)	100 x 100
Breaking load of 6 mm rod (kN)	> 28.3
Ultimate strength of 6 mm rod (N/mm ²)	> 1,000
Tensile E-Modulus (N/mm ²)	60,000
Load at knot (kN)	> 3 and > 5
Overall dimensions (mm)	2,000 x 800
Weight (g)	1,800

APPROVALS AND CERTIFICATES



an ISO 9001:2015
Quality Management System Certified Company.

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ADDITIONAL DOCUMENTATION

Started more than 135 years ago, Minova is a global manufacturer and supplier of chemical and mechanical earth control products and support equipment. With manufacturing plants on five continents and operations in more than 25 countries, Minova is an industry-leading provider of ground support solutions for the underground mining, construction and energy industries.

If further information is required consult Minova Americas website: www.minovaglobal.com.

- Steel Bolts, Plates, Other Steel Articles Safety Data Sheet (SDS)
- Minova Guide to Rock Bolting
- Minova Chemicals, Polymers & Steel Application Guide

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