

Why Choose GFRP Tech's Flagship EnviraMesh?

Quality You Can Trust - Manufactured to the Highest Standards

EnviraMesh is produced in accordance with SANS 1024 Standard Specifications, ensuring unmatched quality and durability. Our mesh boasts a minimum proof stress of 750 MPa and a minimum tensile strength of 1000 MPa, surpassing the typical requirements of BS 4482 for welded mesh. For added assurance, our processes are audited and approved by the FRP Institute USA, reinforcing our commitment to superior quality control. We also cater to other international standards upon request.

Versatile Applications

EnviraMesh is suitable for an extensive range of projects, such as:

- Surface beds (concrete floor slabs on fill)
- Road pavements
- Suspended floor slabs
- Concrete retaining walls
- Box culverts, drainage systems
- Precast stadium seating and tilt-up wall panels
- And many more...

Streamlined Site Management

EnviraMesh fabric reinforcement simplifies site handling and installation thanks to its lightweight, easy-to-handle properties. Available in various standard-size fabrics that meet SANS 1024 standards, we also offer custom grid cellspacing tailored to specific design or client requirements.

Efficient Construction

EnviraMesh supports faster project completion with its adaptable range of diameters for diverse applications. It can be supplied in flat sheets, rolls, or customised shapes, ensuring compatibility with specific project needs.

Enhanced Performance

The deformed design of GFRP Mesh optimises concrete adhesion, providing superior resistance compared to traditional high-tensile rebar and mesh fabrics. This innovation enables an average 12% reduction in material usage without sacrificing strength. Additionally, EnviraMesh is 75% lighter and offers non-corrosive properties with zero deformation over time.

Increased Precision and Savings



EnviraMesh enhances concrete control, promoting greater precision, minimising waste, and improving overall construction efficiency. Choose EnviraMesh for a high-quality, efficient, and durable reinforcement solution that meets the demands of modern construction.



www.gfrptech.co.za



support@gfrptech.co.za



+27 64 656 8047



14 Voyager Street, Linbro Business Park, Sandton, South Africa