

GFRP PLANT SUPPORT - HIGH SAFETY AND FUNCTIONALITY

GFRP plant support (Fiberglass stake) is a composite support made of epoxy resin and glass fiber.

Staking's primary goal, whether for trees, plants, vegetables, or flowers, is to provide support, but it can also be widely used in other circumstances.

The application area also includes vineyards, a greenhouse facility, garden frames, and landscape design.

They are as strong and durable as steel but WILL NOT RUST! Flexible as bamboo, but WILL NOT BREAK!

Furthermore, it has A LONG LIFE SPAN! Epoxy holds fibers together to prevent blooming. The attractive Green Color won't come off. These garden stakes can be used from season to season for many years!

Available in different diameters: 4-32mm
 (of any length and any color).

BENEFITS

- GFRP plant stakes are cheaper than steel.
- Lifespan of up to 80 years
- Lightweight
- Vandal-proof function
- Repeated use
- Environmental friendliness
- Corrosion resistance

Properties

Ultimate tensile strength

Elongation

Modulus of elasticity

Thermal conductivity ratio

Linear coefficient of expansion

Density

Electrical conductivity

Aggressive environment resistance

GFRP rebar

800-1300 MPa

2,20%

55 000 MPa

0.35W/ (m0°C)

9-12 ax-5/°C

1900 kg/m³

Non-conductive

Non-corrosive and acid-resistant