









Fiberglass reinforcement HardPlus Stirrups

 9 times! Lighter than rolled steel rebar	 100% stainless! Corrosion resistant. Does not change properties even at 100% humidity.	 3 times! Stronger pressure resistance than class A III steel reinforcement.	 Cheaper! Composite reinforcement, cheaper than rolled steel rebar.	 100% electricity-free! Non-conductive and impervious to electromagnetic radiation.	 Completely non-conductive! Heat has no effect. No thermal conductivity.	 100% durable! 2 times longer service life compared to steel.	 Resistant! To aggressive chemical environment, salts, acids and alkalis...
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Material

AR type glass fiber (Alkali Resistant glass) **82%**, epoxy **18%**: epoxy thermoactive resins, amino hardener, (trimethyl hexamethylene diamine) inhibitor (inhibits UV effects) accelerator, quartz sand, graphite.

Surface coating

The fiberglass stirrups is surrounded by a relief profile that ensures product adhesion.

Usage

- **For concrete reinforcement** and for supporting various structures
- For reinforcement **in aggressive environments**
- **In thin concrete reinforcement**, where criteria are set for the concrete protective layer
- **In agricultural objects**, where concrete comes into contact with phenols: barns, silos, slurry tanks
- **Pools, ports, bridges, piers**

Documents

The following measurements have been made on the products at the TalTech Mechanics and Metrology Testing Laboratory: Yield, Tensile strength, Elongation at break, Modulus of elasticity, Determination of adhesion strength.

Produced: in Ukraine

Distributor: Fiberglass Estonia OÜ
 Phone: +372 529 2498
 Email: info@fge.ee

Production program

Diameter	Packaging	Dimensions
6mm	Bellows 10 pcs	200x300mm
7mm	Bellows 10 pcs	200x300mm
8mm	Bellows 10 pcs	200x300mm
10mm	Bellows 10 pcs	200x300mm

Fiberglass reinforcement compliance with metal reinforcement

4mm = 6mm	12mm = 16mm
6mm = 8mm	14mm = 18mm
7mm = 10mm	16mm = 20mm
8mm = 12mm	18mm = 22mm
10mm = 14mm	22mm = 25mm

