

Fiberglass reinforcement HardPlus L-element

 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...
---	---	--	---	---	---	---	---

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.

Production program

Surface coating

The fiberglass L-element 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**

Diameter	Packaging	Dimensions
6mm	24pcs	380x380mm
7mm	24pcs	380x380mm
8mm	24pcs	380x380mm
10mm	24pcs	380x380mm
12mm	24pcs	380x380mm

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

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