

HARD fibreglass rebar

<p>9 times</p> <p>Lighter than rolled steel rebar.</p>	<p>100 % stainless</p> <p>Corrosion resistant. Properties do not change even at 100% humidity.</p>	<p>3 times</p> <p>Stronger pressure resistance than class A III steel rebar.</p>	<p>Cheaper</p> <p>Composite rebar, cheaper than steel rebar.</p>	<p>100 % electricity free</p> <p>Non-conductive and impervious to electromagnetic radiation.</p>	<p>Completely non-conductive</p> <p>Unaffected by heat. No thermal conductivity.</p>	<p>100% durable</p> <p>Double the usable life compared to steel.</p>	<p>Resistant</p> <p>To aggressive chemical environments, salts, acids, and alkalis.</p>
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Material

AR-type glass fibre (Alkali resistant glass) **82%**, epoxy **18%**: epoxy-thermoactive resins, amino hardener, (trimethyl hexamethylene diamine) inhibitor (stops the effect of UV), accelerator, & graphite.

Surface covering

This fibreglass rebar is surrounded by a rough quartz-sand profile which ensures product adhesion.

Usage

- **As concrete rebar** and to support various structures
- **In aggressive environments** as rebar
- **As rebar for thin concrete**, where criteria are set for the protective layer of concrete
- **In agricultural structures**, where concrete comes into contact with phenols: barns, silos, & slurry tanks
- **Pools, ports, bridges, & berths**

Documents

The following product measurements have been taken at the TalTech Mechanics and Metrology Test Laboratory: yield strength, tensile strength, elongation at break, and modulus of elasticity

Produced in: Lithuania

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

Production list

Diameter	Packaging	Length
6mm	Roll	100m
8mm	Roll	100m
10mm	Roll	100m
6mm	Rod	2m
8mm	Rod	2m
10mm	Rod	2m

Fiberglass rebar to metal rebar comparisons

6mm = 8mm
8mm = 12mm
10mm = 14mm

