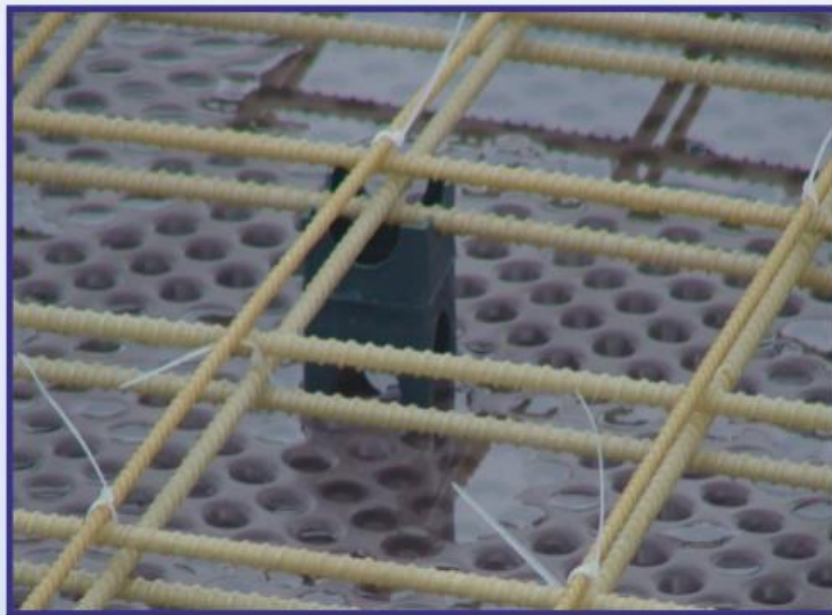


Scientific & Production
Company, Ltd

ARMASTEK®

FRP
reinforcement



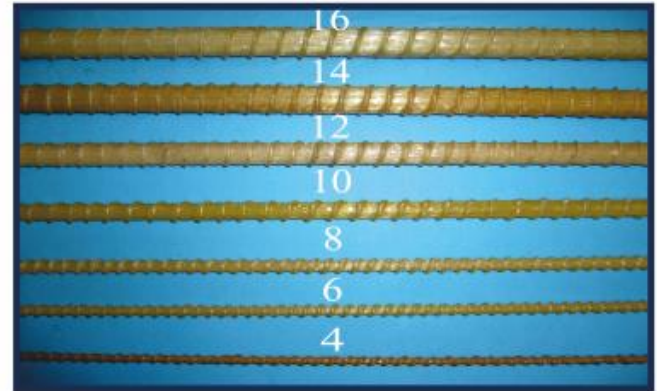
COST EFFECTIVE. LIGHTWEIGHT. RELIABLE.

“ARMASSTEK” is an ambitious company in the market of construction materials producers. In a relatively short period of time - just over 4 years we have travelled the path from the initial business idea to develop new composite reinforcing elements prior to their production. During the development we received patents for the technology equipment and patents on the product itself. The production is based on these patents. The main goal of “ARMASSTEK” is the promotion of composite reinforcing elements in the design and construction installation works for various industries.



Fiberglass reinforcement is a heavy-duty rods with diameters from 4 to 20 mm and any desired length (it is possible to roll in the bay) with a ribbed spiral-shaped profile.

Composite fiberglass rebar designed for use in concrete structures with prestressed and unstressed forms instead of traditional steel rebar.





Fiberglass reinforcement has several advantages over traditional materials:

- 1) The tensile strength is 2.5 times higher strength characteristics of steel bars class III;
- 2) Products not subject to corrosion;
- 3) Reinforcement is resistant to acid. Works well in salt water;
- 4) Fiberglass reinforcement does not bend (it has more elastic properties);
- 5) Is a non-conducting - is an insulator;
- 6) practically does not conduct heat;
- 7) Conducts radio waves;
- 8) Is not magnetic (not possible to change the strength properties of the composite reinforcement under the influence of electromagnetic fields);
- 9) Does not lose strength properties under the influence of low temperatures;
- 10) Fiberglass reinforcement lighter than metal reinforcement 5 times, but when compared to rebar with the same strength characteristics - to 9-fold;
- 11) Any construction length.

Fiberglass reinforcement used in accordance with the requirements of design documents for construction of buildings and structures for various purposes:

Fiberglass reinforcement is designed for use in industrial and civil, road construction

Application in concrete structures of buildings and structures for various purposes.

For use in light and heavy concrete (foam concrete, slabs, plates in the coating, foundations)

As the grids and rods in the structures.

In the bank protection.

Maritime and port facilities.

Pavement and fencing.

Infrastructure elements of chemical plants.

Products made of concrete with prestressed and unstressed reinforcement (lighting columns, electric poles, insulators, transmission lines traverse, road and paving slabs, fence panels, curbs, columns and pillars, railway sleepers, fittings for sewers, pipelines (district heating, cable channels), public utilities.

The use of nonmetallic reinforcement increases the service life of structures by 2-3 times compared with the use of steel reinforcement, especially when exposed to aggressive environments, including containing chloride salts, alkalis and acids.

Pictures of objects



Pictures of objects



Pictures of objects



Pictures of objects



Pictures of objects





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Cooperation with us - this is a good investment in construction.