



solidian



www.solidian.com/rebar

build solid



solidian REBAR

REINFORCEMENT FOR EXTREME DEMANDS



solidian

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solidian

Rusty buildings
should be my
future?

No thanks!

build solid.



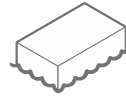
solidian REBAR

The rod-shaped reinforcement **solidian** REBAR are combining high-strength fibers with extreme resistant resins and are produced in the process named pultrusion.

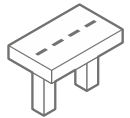
In the process, the glass or carbon fibers are aligned extremely straight in production, impregnated with resin and cured.

The combination of stretched fibers and large diameters results in incredibly high load-bearing capacities for the most extreme requirements, which are durable due to the non-corrosive materials.

As such **solidian** REBAR are accessible on site. So they are the ideal non-corrosive substitution for metallic reinforcements for everybody who is interested in economical and ecological sustainability.



Maritime
applications



Bridge
construction



solidian REBAR

STRONG POWERFUL EXTREMELY ENDURING FOR GENERATIONS

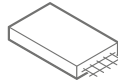
- Standard portfolio: Reinforcing bars made of ECR glass or carbon fibers.
- Various diameters up to 16 mm
- Standard length 6.0 m in stock
- Standard lengths for order-related productions: 0.5 m to 12 m
- Individual designs possible on request



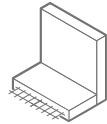
Tunnel & mining constructions



High-voltage & electromagnetic systems



Concrete slabs



Balconies & façades





solidian REBAR



Low weight of the reinforcements and the thinner-walled components made from them



Easy handling on the construction site and in the precast plant due to low dead weight and walk-ability



Non-corrosive, despite aggressive environmental influences



Chloride resistance allows reduction of concrete cover and elimination of waterproofing



Resource-saving due to the lower use of sand, cement and water, as well as less primary energy input than e.g. stainless steel



Extremely long service life



In total: Economical due to less material usage, less maintenance effort and longer service life



Extremely high-load capacities

PERFECT FOR EXTREME CONDITIONS

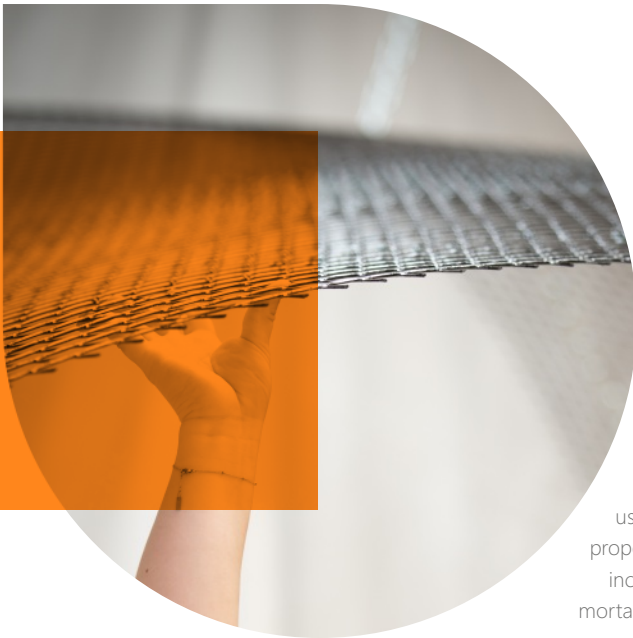
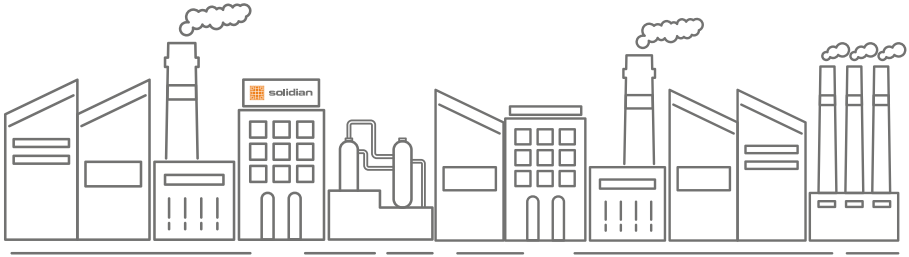
solidian REBAR are the right choice where ever high loads occur and components are permanently exposed to aggressive environmental influences such as de-icing salts: They will last for generations!



solidian REBAR

About **solidian**

Always one step ahead: with innovative products we can offer you perfect solutions for your needs



solidian has made a name for itself as a leading company that provides a wide range of solutions to improve construction structure.

We made a commitment to clients to provide them with customer service, technical support and being the leader in providing global innovative fiber material solutions.

We use advanced technologies to produce special solutions according to your needs. Our functional grids are used to optimize product and processing properties in a wide variety of applications – including concretes, UHPC, cement-based mortars, adhesives, and dry-mix compounds.

discover our
industry-leading
reinforcements & systems

build solid.

Other Products



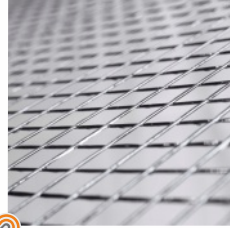
check out our NEW website for more products and innovative solutions

solidian.com/products



solidian eGRID

Specially developed flexible grids in combination with electro conductive coatings provide high tensile strength and outstanding electro conductive properties. **solidian eGRID** is now also available with different conductive surface treatments for special applications in which electrical conductivity is important.



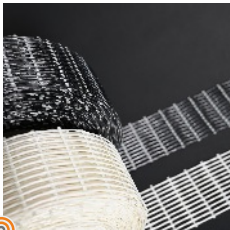
solidian Grid

Gridable reinforcement is the future for building structures such as concrete, glass, plaster, isotropic grid reinforcement is a lightweight, corrosion resistant, classic steel reinforcement technology. It is also compatible with ultra high strength concrete and high strength steel reinforcement grids based on carbon advantages.



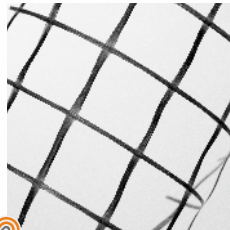
solidian Open End Connector

Non-corrosive Carbon, Basalt, or AR-Glass connector with Single or Double Open End suitable for construction reinforcement in masonry, arches and vaults. Perfect for reinforcement of buildings in earthquake-affected areas.



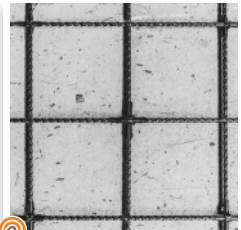
solidian Brisky

High-tech, non-Corrosive, AR glass or Carbon fiber reinforcement brick mesh on a roll for efficient crack control specially designed for any wall width.



solidian Flex Grid

Advanced production technology allows us to fulfill special market demands for both rigid and flexible reinforcements, according to application or customer needs. Hi-tech flexible reinforcements made of Carbon, Basalt or Glass.



solidian Remat

The **solidian Remat** transfer all the outstanding properties of our bar-shaped reinforcements, the **solidian Rebar**, to the mesh format. The result is robust and walkable mats for more efficient handling on the construction site.

