



solidian

build solid.

solidian ANTICRACK

CARBON REINFORCEMENT FOR A SUPERIOR BONDING BEHAVIOR



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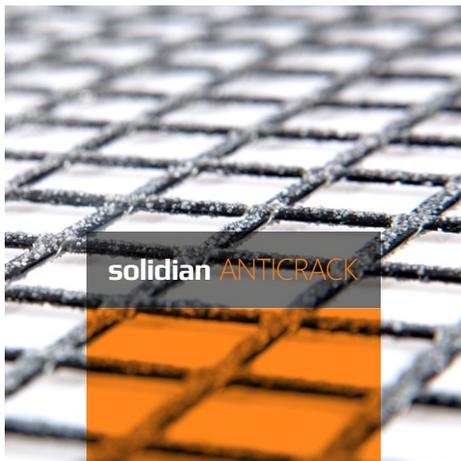
ISO 9001



solidian ANTICRACK

An innovative reinforcement gets even better

Carbon concrete is the building material of the future. The new **solidian ANTICRACK** as crack width limiting reinforcement is the result of continuous product development and convinces with numerous advantages that make building with carbon reinforcement even more attractive.



solidian ANTICRACK

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is a further development of our carbon reinforcement **solidian GRID**, which functions specifically as crack width limiting reinforcement. The carbon reinforcement can be laid close to the surface and thus have a particularly positive influence on crack formation in concrete components.

solidian ANTICRACK is charged with sand and thus achieves an even better interlocking with the concrete. Crack widths can thus be significantly reduced. The resulting cracks are distributed in even intervals.

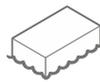
solidian ANTICRACK reinforcements are an economically interesting alternative to conventional solutions for limiting cracks in concrete.



Precast members (e.g. Façade panels)



Tunnel lining



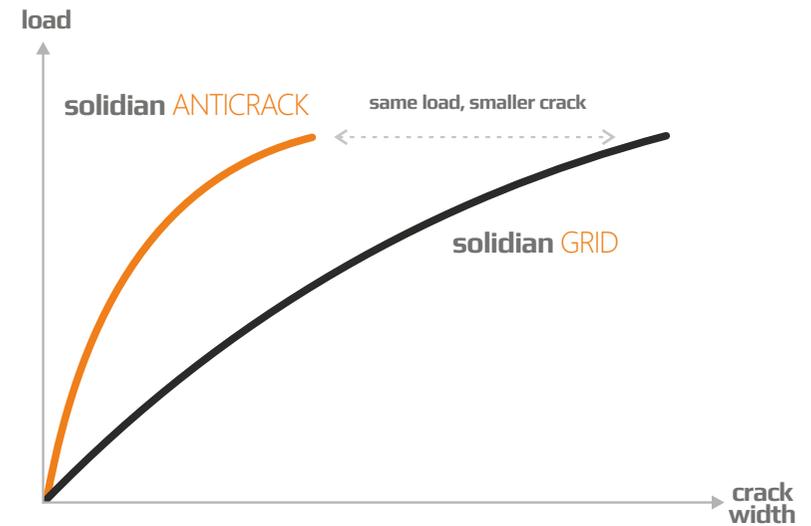
Rehabilitation of hydraulic structures



Rehabilitation of floors, slabs and expansion joints

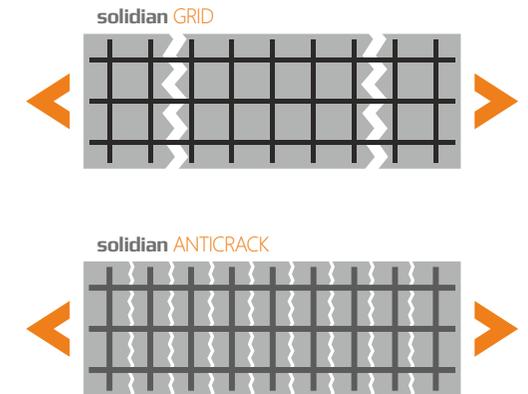


Sealing layers (e.g. waterproof)



Carbon reinforcement for a superior bonding behavior

Textile carbon reinforcements require only a small concrete cover of a few millimeters. As a result, they can be laid close to the surface and are particularly effective in reducing crack widths. **solidian ANTICRACK** exploits this advantage to the maximum and also offers even higher safety against surface spalling.



- Standard product program of 3 **solidian ANTICRACK** types
- Standard dimensions 6,0 x 2,30 m
- Individual dimensions of max. 8,0 x 3,0 m (on request)
- Tensile strength up to 4.000 N/mm²
- Simple, large-area installation due to conventional standard dimensions
- Any individual type is possible on request – please call us!



4-5 times thinner, slimmer and lighter than reinforced concrete structures



Finer crack patterns than in reinforced concrete construction possible



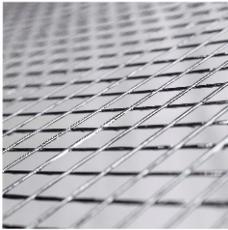
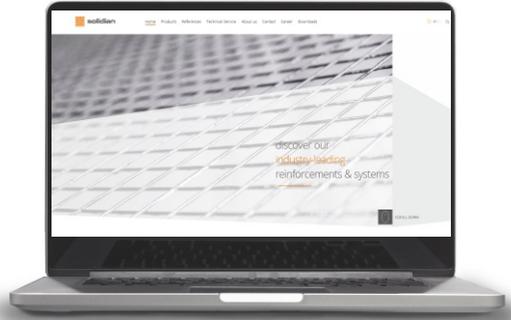
Longer service life and increased load capacity



Less or no maintenance costs

Related Products

check out our website for more related products and innovative reinforcement solutions



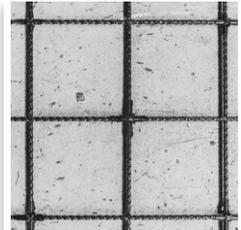
solidian GRID

Carbon concrete is the future of building. Our contribution to the future is solidian GRID, carbon reinforcement mesh produced by innovative, cutting edge technology. If we compare it with the classic steel reinforcement, solidian GRID has many advantages.



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.



solidian SPACER&TIES

is the accessory group for our solidian reinforcements. With our special and patented spacers for our close meshed products such as the solidian GRID, we simplify the application for the architecturally high-quality design of surfaces made of fair-faced concrete.



solidian CONNECTORS

Anchorage, no matter whether they are already embedded in materials or set subsequently, are important devices for e.g. transferring forces or also for connecting elements. At present, new materials and shapes are increasingly replacing classic, metal-oriented solutions. Composites with glass fiber or carbon are modern alternatives here for a wide range of applications.



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.

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