solidian

solidian REMAT

YOUR SUSTAINABLE WAY ON ROBUST MATS!

solidian

Sigmaringer Straße 150
72458 Albstadt
Deutschland - EU
+49 74 3110 3135
info@solidian.com
sales@solidian.com

Dr. Slavka Rozgaja 3
47000 Karlovac
Croatia - EU
+385 47 693 300
sales@solidian.com
info@solidian.com

ISO 9001 - ISO 14001
BUREAU VERITAS
Certification

kiwa certified
ISO 9001

PERFECT FOR EXTREME CONDITIONS

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

High-voltage & electromagnetic systems

Concrete slabs

Maritime applications

Bridge construction

Tunnel & mining constructions

solidian REMAT

STRONG AND CORROSION-FREE REINFORCEMENT MAT FOR THE MOST EXTREME APPLICATIONS

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.

The **solidian** REBAR are attached to each other by durable and solid injection molded crossing points forming the rigid mat.

This way, **solidian** REMAT can withstand even the harshest processing conditions on the construction site and can be walked on safely, depending on the diameter selected. What reasons could there then be to continue using steel or stainless steel?

solidian REMAT

- Made from glass or carbon rods
- Diameter from 4mm to 12mm
- Standard size of 6m x 2.3m
- Standard grid spacing of 150mm
- Individual material combinations, diameters, grid spacing and mat size available on request

Non-corrosive, despite aggressive environmental influences

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

Chloride resistance allows reduction of concrete cover and elimination of waterproofing

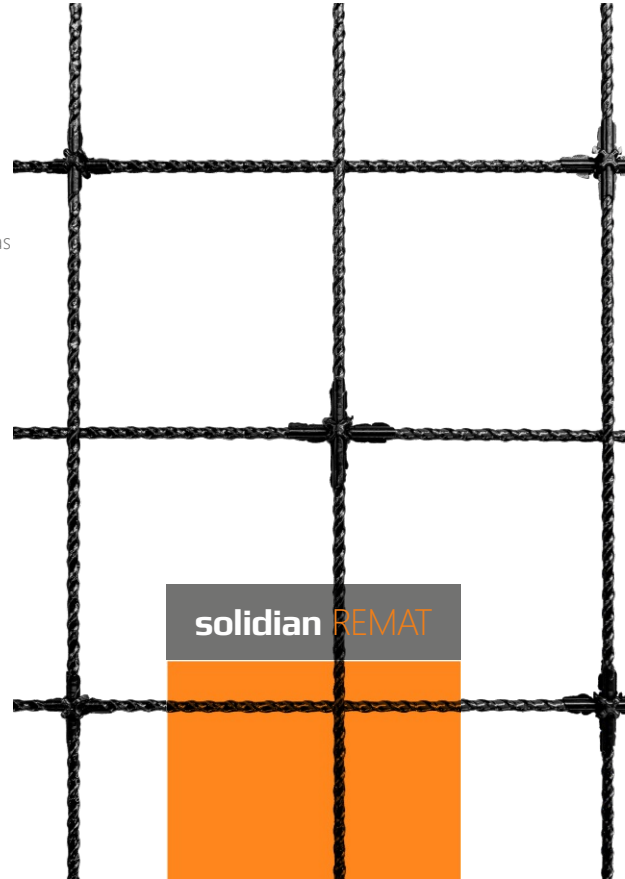
Resource-saving due to the lower use of sand, cement and water, as well as less primary energy input than e.g. stainless steel

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

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

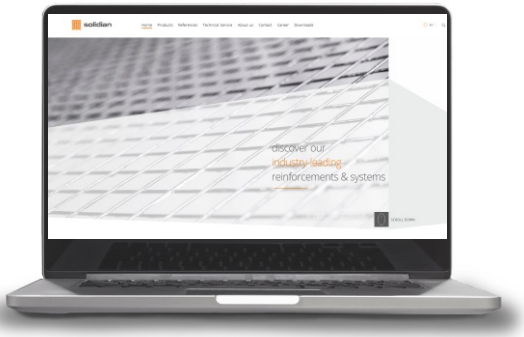
Extremely long service life

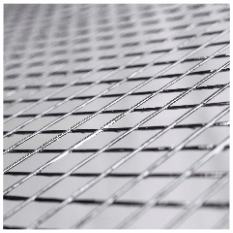
Extremely high-load capacities



Related Products

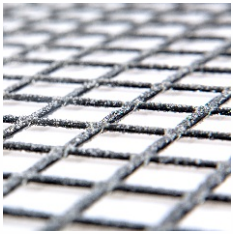
check out our website for more related products and innovative reinforcement solutions





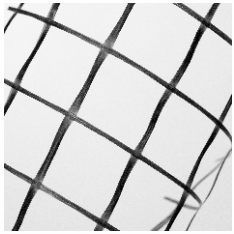
solidian GRID

Our contribution to the future is solidian GRID, a carbon reinforcement mesh, produced by highly-innovative technology. Compared to classic steel reinforcement, solidian GRID has up to 7 times higher tensile strength and does not corrode.



solidian ANTICRACK

solidian ANTICRACK is a further development of our carbon reinforcement solidian GRID. It is charged with sand which functions specifically as crack width limiting reinforcement and achieves an even better interlocking with the concrete.



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 SPACER&TIES

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

solidian CONNECTORS

Anchorages, 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. solidian REBAR are the right choice where ever high loads occur and components are permanently exposed to aggressive environmental influences.

build solid.