

solidian.
reinforcing the future

wanna gamble
with my life?
don't!
build solid.

solidian

ANTISEISMIC connectors

carbon or glass fibers are
modern alternatives
for a wide range of applications



CERTIFIED
ISO 9001
ISO 14001



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about

Anchorage in civil engineering, 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 the classic, metal-oriented solutions. Chemical anchorage with glass fiber or carbon is modern alternatives for a wide range of applications, e.g. repairing a concrete wall or securing elements, and providing structural strengthening.



Ultra
Lightweight



Lower
Transport Cost



Easy
Handling



Non-
Corrosive



Superior
Bonding



No
Maintenance



Chemically
Resistant

solidian ANTISEISMIC Connector Open End



Best anchoring non-corrosive system

Non-corrosive Carbon, Basalt, or AR-Glass connector with Single or Double Open End suitable for construction reinforcement in masonry, arches, and vaults. Providing structural strengthening. Near-surface mounted helping repair the concrete wall using the epoxy injection. Perfect for reinforcement of buildings in seismic-affected areas providing earthquake-proof construction!

advantages

- extremely rigid and strong
- extremely durable
- non-corrosive
- high strength shear resistance
- alkali resistant
- fast & easy installation
- for lime or cement-based mortars
- suitable for interventions on buildings of historical and cultural heritage

features

- Carbon, Basalt, or AR-Glass
- alkali resistant epoxy
- different diameters and lengths for every dimension of the wall
- Double Open End
- Single Open End

applications

- FRCM / CRM
- construction reinforcement in masonry, arches, and vaults
- seismic-affected area
- earthquake-proof constructions



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Connector Conn Fix

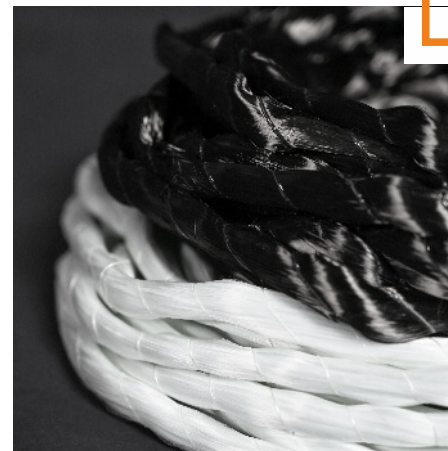


Perfect fiber protector for solidian ANTISEISMIC Connector Open End

Conn Fix protects fibers of solidian ANTISEISMIC Connector Open End from cracking and damaging during installation. It covers the sharp edge of the wall, in the hole in which the Open End is installed. Also, it holds fibers in the center of the hole.



solidian ANTISEISMIC Connector Endless Rope



- Production process in one line, which guarantees the same properties in all points
- High durability
- Endless
- Possibility of cutting on desired length
- Stronger connection between strengthening elements and the old substrate
- Eliminating risk of corrosion which would normally occur when using steel connectors
- Made from Carbon or AR Glass

solidian ANTISEISMIC Connector L-Shape

The system fixed with solidian L-Shape increases its ductility, load-bearing capacity and evenly distributes load to the surface or the entire system. solidian L-Shape is made with special fillers that create an active connection to the mortar or concrete.

- solution for concrete wall repair
- specially developed system for fixing wall reinforcement, mounted near surface in CRM system
- connector made with special fillers improves an active connection to the mortar or concrete
- reinforcement system fixed with solidian L-Shape increases its ductility, load-bearing capacity and evenly distributes load to the surface or the entire system providing structural strengthening

solidian ANTISEISMIC Connector Wall Crack Anchor

Cracks in (masonry) façades as well as in the area of openings and (arched) lintels can be repaired efficiently and economically with only minimal interventions in the masonry.

- convincingly better material and bond properties with carbon compared to stainless steel spiral anchors
- durable crack bridging
- quickly done, minimal intervention in the masonry
- visually unremarkable and masked repair
- easy handling and installation
- applicable for many types of masonry
- rectangular cross-section allows flexible adaptation to bed joint width

solidian ANTISEISMIC Connector Staple Anchor

is the perfect solution for both, a force-fit and limited elastic crack repair reinforcement.

- cost-efficient but effective solution with less material and labor effort
- durable and maintenance-free crack bridging/stitching with high-performance glass fibre composite
- quickly done, minimal intervention in the concrete
- easy handling and installation
- applicable for many different element types

Other Products



check out our NEW website for more products and innovative solutions

solidian.com/products

solidian ANTISEISMIC Grid

Especially developed Carbon, AR glass and Basalt fiber reinforcements serve as the main reinforcement of flat surfaces

- Used with uniquely developed L-Shape or Open End Connectors that connect the armature to the wall, as well as connecting the systems of the inner and outer parts of the wall with the specially designed product solidian ANTISEISMIC Corner
- Excellent Tg properties and load-bearing performance

solidian ANTISEISMIC Flex Grid

- Our advanced production technology meets special market demands for flexible antiseismic reinforcements
- With our long-term knowledge, we develop and produce reinforcements from various materials (Carbon, AR Glass, Basalt)
- Excellent for restoration application due to flexible and easy installation properties
- Flexible reinforcements can contain special fillers (quartz sand) that allow superior bonding

solidian ANTISEISMIC Corner

Especially developed products for protection of the inner and outer corners of the wall

- Together with L-Shape or Open End Connectors, alongside with solidian Grid reinforcement, they are used to connect the systems of the inner and outer part of the wall and to protect the building as a complete system
- Excellent Tg properties

solidian ANTISEISMIC Form

In-house developed technique & technology for production of many differently shaped reinforcements

- Various forms can provide maximum protection of the most sensitive parts of the building, like corners of the windows, doors and connections with walls and floors
- These carbon reinforcements contain special fillers (quartz sand) that allow better bonding