

solidian.
reinforcing the future

rusty
buildings
should be
my future?
no thanks!

build solid.



Croatia

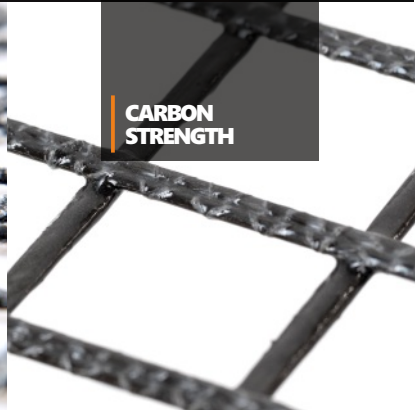
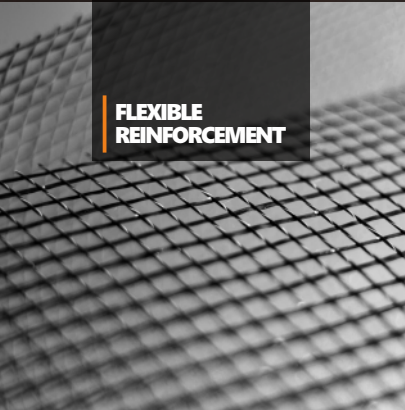
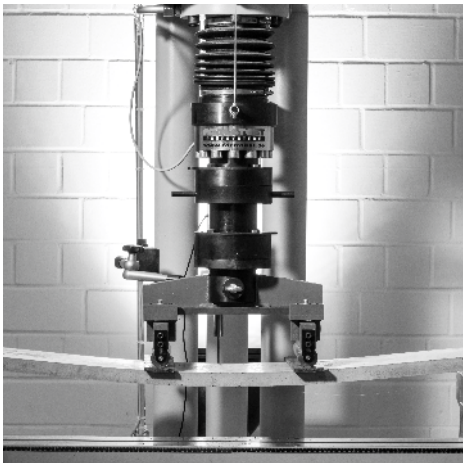
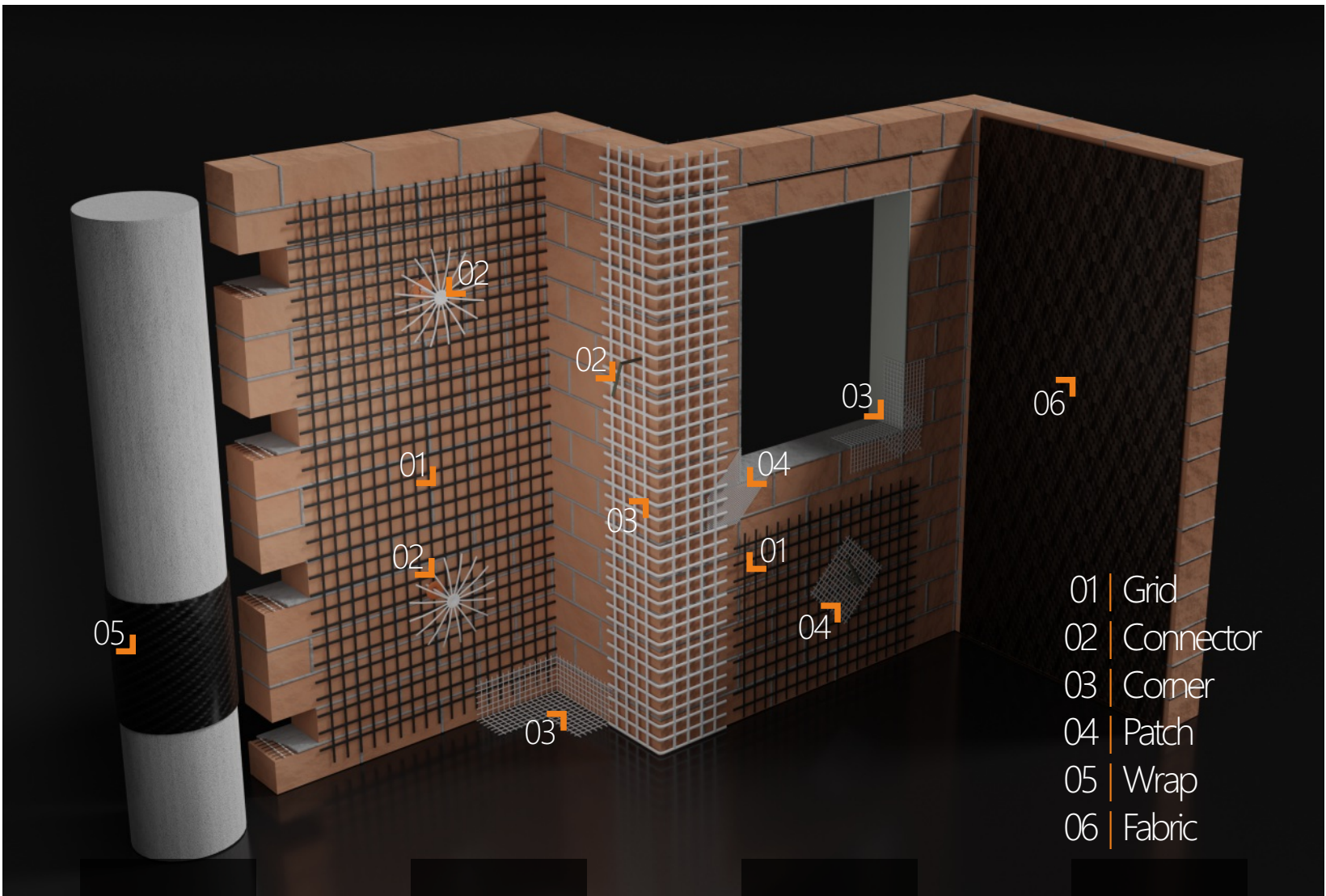
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Our creative R&D team of experts is constantly developing new technologies tested in our laboratory by experienced engineers in order to provide you with long-lasting and high-quality products.



Our advanced production technology meets special market demands for rigid and flexible reinforcements;

- Especially developed Carbon, AR glass or Basalt fiber reinforcements serve as the main reinforcement of flat surfaces
- Used with uniquely developed **solidian CONNECTOR** that connects 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 CORNER**
- Excellent Tg properties and load-bearing performance
- With our long-term knowledge, we develop and produce reinforcements from various materials such as Carbon, AR Glass, Basalt, etc.
- Excellent for restoration application due to flexible and easy installation properties
- Flexible reinforcements can contain special fillers (quartz sand) that allow superior bonding



- Especially developed system used for fixing the reinforcement to the wall
- The system fixed with **solidian CONNECTOR** increases its ductility, the load-bearing capacity and evenly distributes load on the surface or the entire system
- Connector made with special fillers that creates an active connection with mortar or concrete
- Connecting the external system (reinforcement) to the internal part of the wall and holding (fixing) the reinforcement on the wall surface at the same time
- We offer options made of carbon and AR glass as well as different diameters and lengths to adjust the connector to every dimension of the wall



- Especially developed products for protection of the inner and outer corners of the wall
- Together with **solidian CONNECTOR**, alongside with **solidian GRID** reinforcement, 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
- 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 can contain special fillers (quartz sand) that allow better bonding



- Short construction period
- No maintenance required
- Minimal change to structure's shape, weight, or appearance
- Improving service life and durability
- Thermal compatibility
- Excellent fatigue behavior
- Repairing or preventing seismic damage
- Replacing damaged or missing reinforcing steel
- Extremely resistant to a wide range of environmental conditions
- Easy installation

Leading solution provider for
non-metallic reinforcement

build solid.



- Available Patch Arrow & Patch Square
- Strong carbon fiber reinforcement mesh
- No corrosion so it's very durable
- Our special rough sanded surface for superior bonding properties
- Different shaped to fit and patch all corners and edges
- Easy to handle and apply



- Certified to building material class A1 and therefore classified as non-combustible to EN 13501-1 reaction to fire.
- Non-flammable fabric made of glass or basalt
- Excellent solar and glare control characteristics
- Maintenance free
- Weatherproof
- Water repellent
- UV Protection



- high-strength carbon or glass fiber bar-shaped reinforcement
- fibers are aligned extremely straight and impregnated with an epoxy resin
- incredible load-bearing capacities for the most extreme requirements
- accessible and walkable on-site
- ideal non-corrosive substitution for steel reinforcement
- excellent for exterior components that have to withstand salt load



- non-corrosive mesh specifically designed as a bed joint reinforcement
- placed horizontally into a mortar layer between two bricks
- Carbon or AR glass
- designed for any wall width
- lightweight and easy to use on construction site
- for interior and exterior use

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