



solidian



solidian.com/protect-a1



PROTECT
YOUR LIFE
AND PROPERTY

build solid.

solidian PROTECT A1

FIRE PROTECTION MEMBRANE A1
Building material class A1 (EN 13501-1:2019)

A1 guarantees you highest level of protection

A1 is classified as non-combustible to EN 13501-1 reaction to fire. This high-tech membrane is suitable for full fire protection and stopping as well as smoke, with extended performance for higher temperatures, strength and flex performance.



solidian

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Wide range application

- Our **solidian PROTECT A1** can simply be installed in any known system and used in all environments.



Fire Protection

- Fire prevention is very important for reducing fire risks in buildings. **solidian PROTECT A1** do not smoke, flame or burn, and do not contribute to the spread of flame.



Invisible but highly effective

- **solidian PROTECT A1** is the secret protector of your family, highly effective and always on guard for their safety.



Prolonging Rescue time

- The time factor is for the rescuer as well as for the person to be saved of crucial importance. Using **solidian PROTECT A1** can prolong the rescue time considerably.



Wide range of color options

- we want you to have the option when choosing your new protection upgrade.



Build Safe

- With our product range of **solidian PROTECT A1** we provide architects and planners with important components to realise their ideas and build safe.



No fire penetration to Load-bearing base with **solidian PROTECT A1**

Properties

- Non-flammable fabric made out of glass or basalt
- Excellent solar and glare control characteristics
- Weatherproof
- Maintenance free
- Water repellent
- UV Protection

glass
750°C



Glass Protection Membrane
solidian PROTECT A1

basalt
1000°C



Basalt Protection Membrane
solidian PROTECT A1

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



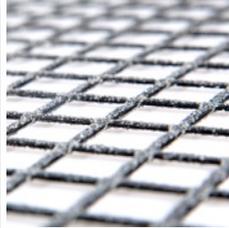
check out our NEW website for more products and innovative solutions

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 Anticrack

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



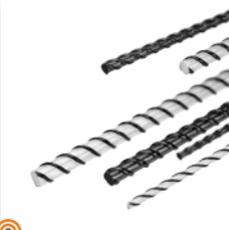
solidian Open End Connector

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.



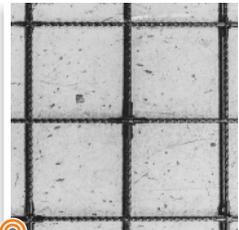
solidian Brisky

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 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.



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.

