

**solidian•kelteks**



**solidian**

**Briksy**

durable and  
crack-resistant  
reinforcement solution

[solidian-kelteks.com](http://solidian-kelteks.com)



CERTIFIED  
ISO 9001  
ISO 14001



## **solidian** Briksy

solidian Briksy is a high-tech, non-corrosive reinforcement mesh made from carbon or alkali-resistant glass fibres. It is designed for strengthening masonry walls and screed layers in flooring systems. The specially engineered surface with binder ensures strong bonding with mortar and other cementitious materials so that the mesh and surrounding matrix act together as one durable system.

In brick or block masonry, Briksy is used as bed joint reinforcement placed in the horizontal mortar joints. It increases the in-plane flexural capacity of walls, enhances out-of-plane stability and helps prevent cracking caused by structural loads, shrinkage or temperature movements. In screeds, it contributes to effective crack control and improved stability of floor slabs – particularly beneficial in seismic areas and fast-build projects.

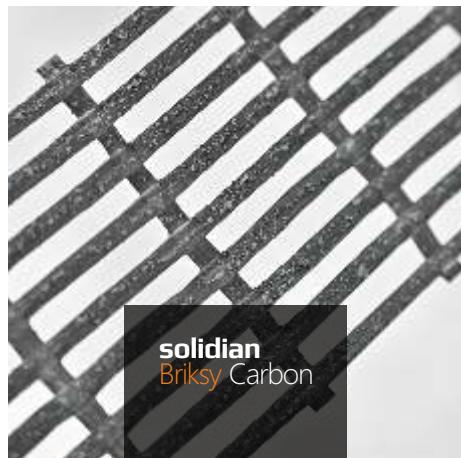
solidian Briksy is suitable for a wide range of masonry and flooring applications in residential, commercial and industrial buildings. Compared to traditional steel solutions, it offers durable, maintenance-free performance, even in humid or otherwise aggressive environments.



Non-corrosive bed joint reinforcement made from high-performance carbon or alkali-resistant glass for reduced risk of wall damage and cracking under in-plane and out-of-plane forces.



CE marking is made according to EAD 260057-00-0303 Inorganic fibre grids for reinforcement of cement-, anhydrite- or resin-based screeds



Exceptional bonding  
**Innovative surface technology for ultimate wall strength**



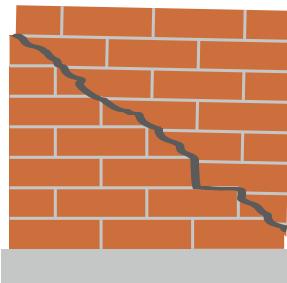
Our innovative surface technology ensures outstanding adhesion between reinforcement and mortar, delivering superior pull-out test results and enhanced structural stability. Trust in the best connection for the strongest performance.

Advanced out-of-plane performance  
**Reinforcing where it's needed most**

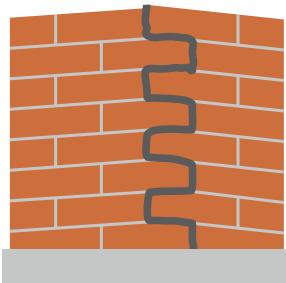


Thanks to its non-corrosive properties, Briksy Carbon can be positioned on external wall edges, unlike conventional metal solutions that are prone to rust. This allows reinforcement to be placed exactly where it's most effective, significantly enhancing out-of-plane performance compared to standard reinforcements that remain in neutral zones.

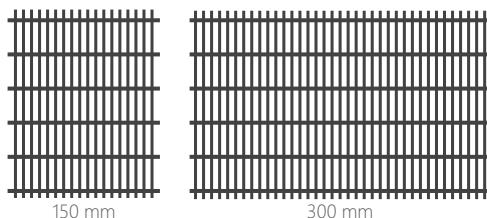
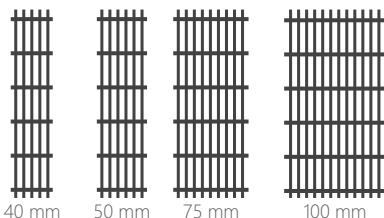
Elimination of the possible "in-plain" wall failure



Elimination of the possible "out of plane" movement



Briksy variations

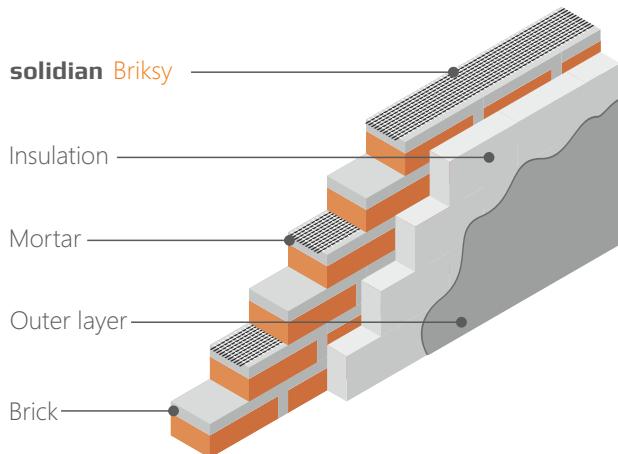


**Scan for user manual**

The complete guide to using solidian Briksy effectively. Our official Briksy Guide provides step-by-step instructions, technical data, and best practices for maximizing performance in masonry applications. From installation to reinforcement strategies - everything you need in one place.

# Simple installation

**solidian Briksy** should be installed horizontally in the wall at vertical intervals of no more than 50 cm, in compliance with NTC 2018 requirements.



## Easy & fast installation

### Secure reinforcement without effort

Lightweight and easy to handle, Briksy Carbon simplifies installation, saving time and reducing labor costs. Enjoy a seamless installation process with a product that doesn't compromise on performance.



## Superior strength

### The power of carbon for your safety

Briksy Carbon offers tensile strength far beyond metal alternatives, making it ideal for projects demanding the highest levels of safety and stability. Reinforce your structures with unmatched reliability and resilience.



## Corrosion free

### The solution that withstands time and rust

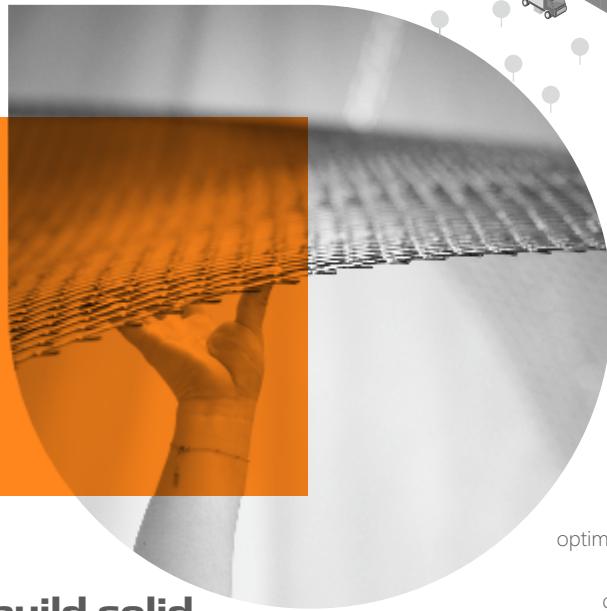
Unlike traditional metal reinforcements, Briksy Carbon is entirely corrosion-resistant, ensuring long-lasting durability even in the harshest conditions like humidity, salt, and chemicals. Build walls that stand the test of time without worrying about rust or degradation.



## Eco friendly

### Protect your walls and our planet

Briksy is a sustainable alternative that reduces maintenance needs and extends the life cycle of buildings. Build responsibly with a product that delivers exceptional performance while caring for the environment.



**build solid.**



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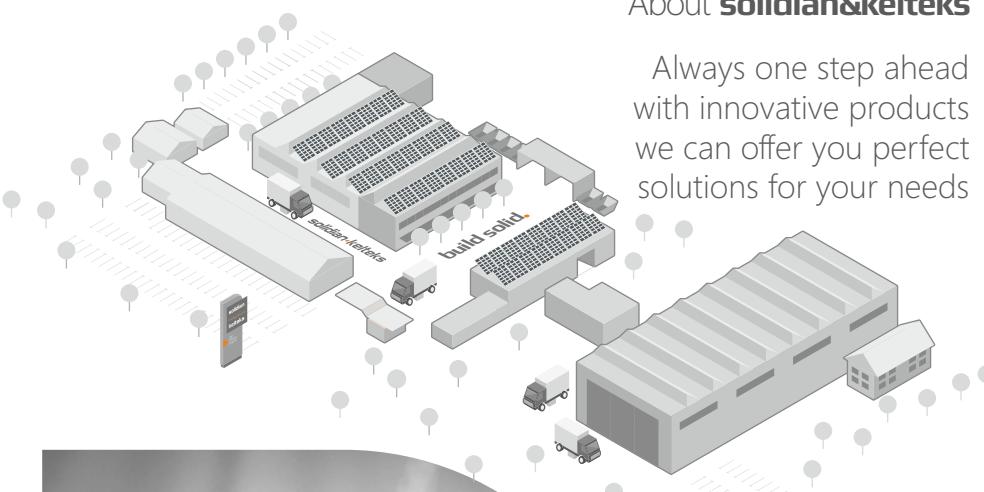
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## About solidian&kelteks

Always one step ahead with innovative products we can offer you perfect solutions for your needs



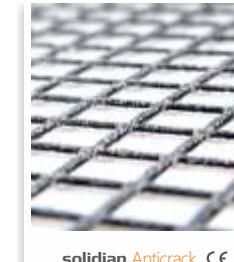
solidian&kelteks has made a name for itself as a leading company that provides a wide range of solutions to improve construction structure.

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.

## Other Products



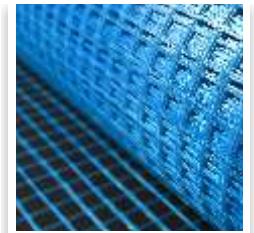
check out our website for more products and innovative solutions



**solidian** Anticrack **CE**



**solidian** FLEX GRID



**solidian** ANTISEISMIC Grid



**solidian** Primafloor **CE**



**solidian** REBAR



**solidian** eGRID

solidian Primafloor will stop cracks during the most critical time of drying and curing of bonded screed, floating screed, unbonded screed or underfloor heating screed.

The rod-shaped reinforcement solidian REBAR is combining high-strength fibers with extreme resistant resins. solidian REBAR is the right choice where ever high loads occur and components are permanently exposed to aggressive environmental influences.

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.