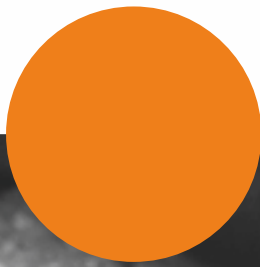
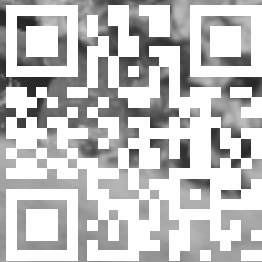


**solidian•kelteks**



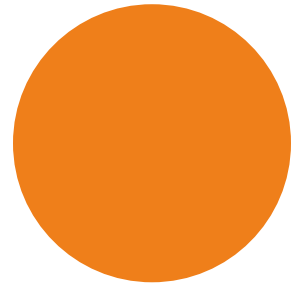
# Product Catalog 2025

Non-metallic Reinforcements  
are A Stronger, More Sustainable  
Solution with Enhanced Durability  
And Performance



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

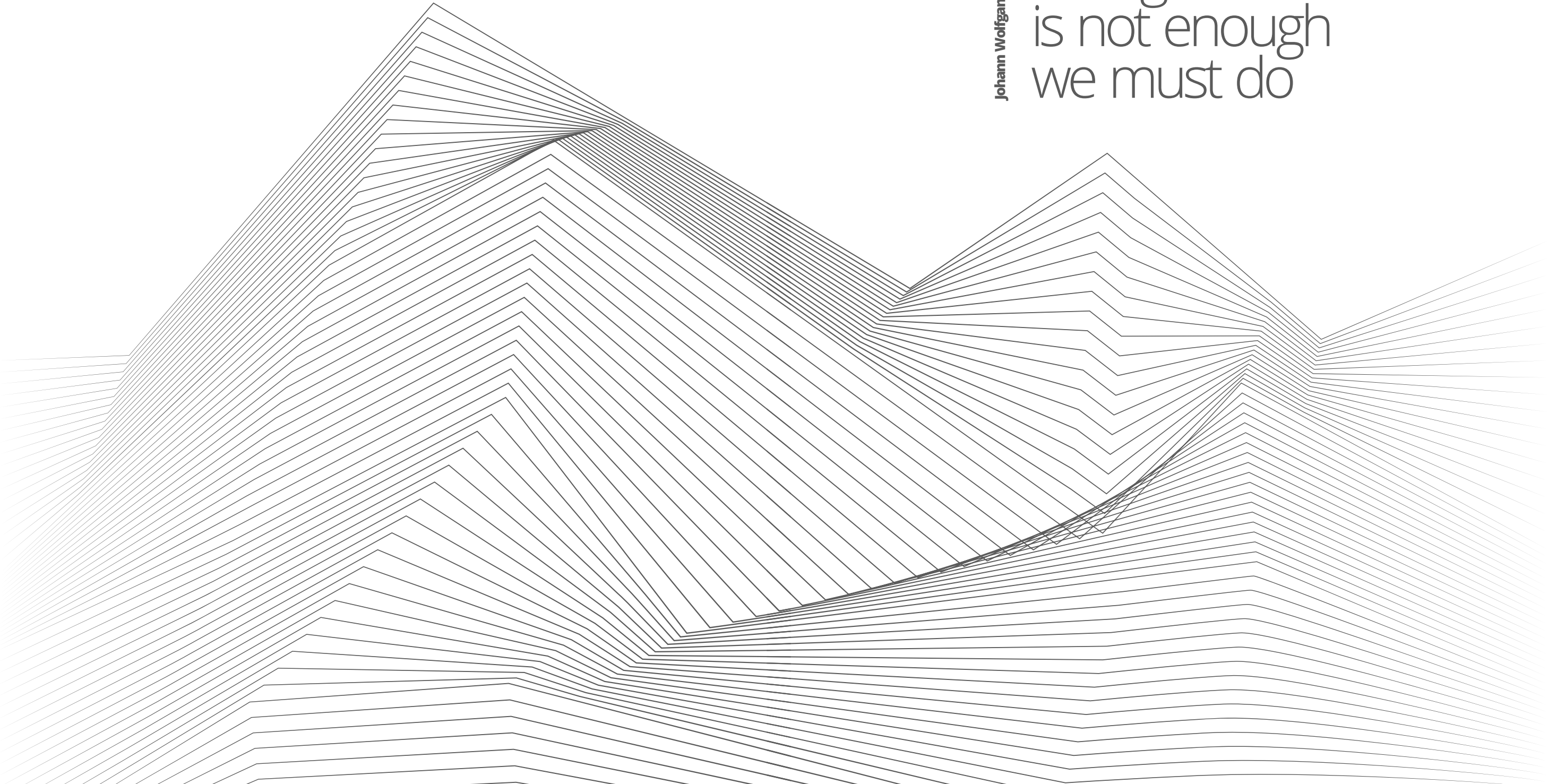
2025

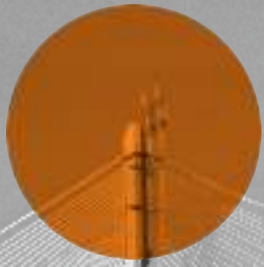


Knowing  
is not enough  
we must apply

Johann Wolfgang von Goethe

Willing  
is not enough  
we must do





Starting in a garage and as a corporate start-up, we've become an international company with extensive experience in construction and composites.



**solidian•kelteks**

# Welcome to Product Catalog for 2025

## About us

We are a leading European manufacturer of non-corrosive reinforcements for the construction and composite industries. As one of the few companies that has everything under one roof, we are flexible in responding to and creating solutions for our customers, regardless of the industry they operate in. Aware of the fact that knowledge gained through experience is the only long-term guarantee of success, we are focused on continuous learning and expanding skills among our employees.

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# Solution for every application



## Water- proofing

Our reinforcement mesh is specifically engineered to enhance the durability and flexibility of waterproofing layers, providing reliable protection in areas frequently exposed to water, such as pool surrounds, flat roofs, terraces, and balconies. Its ultra-thin, flexible structure integrates seamlessly into waterproofing systems without adding bulk. Resistant to chemicals, chlorine, and UV rays, the mesh ensures long-term performance even in harsh outdoor conditions. A textured surface ensures superior adhesion to cement and polymer materials, while its robust design prevents cracking, maintaining integrity in demanding environments.

## Restoration & repair

Non-metallic reinforcements are ideal for restoring and repairing concrete structures, providing enhanced durability, structural integrity, and extended lifespan. Besides general corrosion protection, we also develop solutions for cathodic corrosion protection (CCP) and structural strengthening. These materials are applied in various areas, from preserving historic buildings to reinforcing aging infrastructure like bridges, repairing industrial facilities exposed to harsh conditions, and renovating structures in residential and commercial buildings.

## Sewage & Wastewater

Wastewater facilities and sewage channels form the backbone of modern sanitation systems, managing and treating wastewater from residential, commercial, and industrial sources. Key components include sewage treatment plants, which remove contaminants to enable safe water discharge or reuse, and sewage channels, such as pipelines and drains, which transport wastewater efficiently to treatment facilities. To ensure reliability and sustainability, these systems require exceptional durability, efficiency and resistance to corrosion and chemical exposure. By incorporating advanced non-metallic reinforcements, the performance, longevity and resilience of wastewater infrastructure are significantly enhanced, offering a sustainable and cost-effective solution for critical applications.

## Seismic Retrofitting

Whether we talk about CRM, FRCM, or FRP systems, we provide efficient solutions for the structural reinforcement and restoration of aging, damaged, or overloaded materials like concrete and masonry. Our CRM products are CE certified and produced by our R&D experts with high attention to performance. We conduct in-house laboratory testing and maintain constant quality control to ensure reliability. Our solutions are applicable for every type of wall, including brick, concrete, and stone, and are compatible with all types of plaster available on the market. They offer a long-lasting, sustainable, and safe solution for structural reinforcement.

# NON-METALLIC

reinforcements for the future generations.

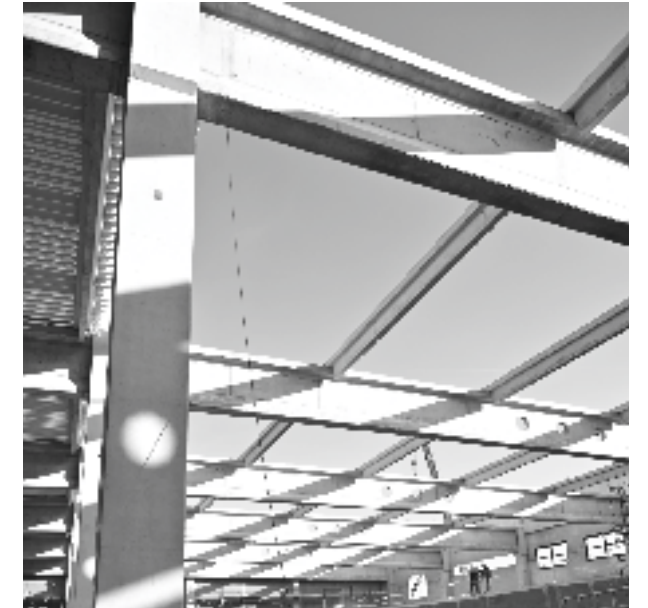
Sewage systems:

**Where carbon concrete could provide lasting protection in a heavily stressed environment**



## Structural Engineering

Carbon concrete is transforming traditional building construction with its high strength, corrosion resistance and durability. Compared to conventional reinforced concrete, it enables slimmer structural elements, significantly reducing material use and weight. These advantages open up new architectural possibilities while lowering resource consumption. Particularly in load-bearing structures such as balconies, bridges, parking decks, walls, ceilings or facade elements, carbon concrete is increasingly used to achieve more sustainable and efficient construction methods.



## Walls & Facades

Are you looking for an effective solution for ventilated facades, horizontal bed joint reinforcement, ETICS systems or sandwich walls? Our materials for ventilated facades provide long-lasting protection against external influences, enhancing the energy efficiency and aesthetic appeal of buildings. We offer solutions for horizontal bed joint reinforcement in walls that increase stability and durability. Our products for ETICS systems ensure superior thermal insulation, reducing energy losses and improving comfort. Additionally, we specialize in sandwich walls that combine high load-bearing capacity with excellent insulation properties, ideal for modern construction projects.



## Maritime & Hydraulic

Hydraulic structures are crucial for managing and controlling water resources, playing an essential role in water supply, flood control, navigation, and energy generation. Advanced materials like non-metallic reinforcement significantly enhance the durability, safety, and efficiency of these structures. With high tensile strength, corrosion resistance, and lightweight properties, non-metallic reinforcement is ideal for applications in pumping stations, hydroelectric power plants, dams, locks, canals, harbor walls, marine structures, and offshore facilities. By integrating these materials, engineers ensure greater sustainability, improved resilience, and reduced maintenance for critical infrastructure projects.

## Tunnels

Non-metallic reinforcements are essential in tunnel construction, enhancing strength, durability, and reducing maintenance costs. They improve the structural integrity of prefabricated tunnel segments and reinforce concrete linings that stabilize walls against geological pressures. In fire doors, often deformed by high-speed train pressure, non-metallic reinforcements provide a durable alternative, maintaining safety and integrity. By incorporating these advanced materials, tunnels become more robust, cost-effective and capable of meeting modern transportation demands.

## Do it yourself

At solidian & kelteks, we offer products tailored for various DIY projects, enabling enthusiasts to enhance and repair their homes with professional-grade materials. Our solutions are designed for easy application, ensuring both durability and aesthetic appeal. Whether you're reinforcing furniture, crafting designer items, or undertaking home repairs, our materials provide the strength and flexibility needed for successful DIY projects.

## Bridges

Ensuring the safety and longevity of bridge superstructures is vital for reliable infrastructure.

Non-metallic reinforcement solutions offer exceptional corrosion resistance, enhancing durability and significantly extending service life.

These reinforcements minimize maintenance needs, reduce life-cycle costs, and ensure efficiency, particularly in high-traffic areas.

Designed for both new construction and retrofitting, these advanced solutions deliver the strength and resilience required for modern bridges, meeting the highest performance standards while supporting long-term sustainability.

## Floors & Slabs

Non-metallic reinforcement is redefining floor and slab construction by minimizing cracks, enhancing structural strength and ensuring durability under mechanical, chemical and environmental stress. Ideal for applications such as floor slabs, balconies, pavements and industrial surfaces. It offers excellent resistance to weathering, heavy loads and aggressive media. With the added benefit of waterproofing without additional sealing, it is the perfect solution for high-traffic and demanding environments.

# Durable and long-lasting



## Sales & Brand Management

Our sales team is always there for you. Along with other departments, we will listen to your ideas, accept challenges, and solve problems. There is a marketing department with which we take everything to an even higher level.

## Product & Market Management

We support you in every phase of your project. Whether in application consulting, assistance in dimensioning, or directly on the construction site or in the precast plant: we are there!

## Research & Development

Our strength is research and development, where in cooperation with you we develop new products that meet all your requirements. The advantage behind this is that the laboratory is located under our roof, thus providing perfect solutions to various testing methods and services.

## Production

We leave nothing to chance. We have been developing our production process from the very beginning. This makes us independent, flexible and offers you the ideal reinforcement solution for every type of application. We are proud of different types of production "under one roof" and we are pleased to provide you with the highest quality products.

**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**



## Logistics & Transportation

The last stop of the product before embarking on an adventure with you is our Logistics. Here we have control over the movement and storage of goods as well as our own fleet within the country and long-term cooperation with the largest partners in the transport organization. In this way, we provide a fast, high-quality and competitive transport offer.

## Packaging

Our goal is for our product to reach you in perfect condition and without damage, so we develop and produce packaging especially for you. The quality and appearance of the packaging are just as important to us as the product.

## Quality Control

All products go through our quality control, which once again checks and tests the finished product in our laboratory. The finished product leaves the quality control department only when it meets the highest criteria.

**How  
we  
do it?**



# solidian GRID The Future of Concrete Reinforcement

solidian GRID Carbon is an ultra-strong, lightweight and corrosion-resistant carbon mesh reinforcement for load-bearing, structural concrete components. Its tensile strength is several times higher than traditional steel reinforcement grids, offering exceptional structural advantages.

solidian GRID enables significant cost savings in construction, maintenance and repair. Using solidian GRID reduces material consumption (up to 50% less water, cement and additives like gravel or sand) while lowering CO<sub>2</sub>-emissions and transportation costs—making it a truly sustainable solution. With solidian GRID, concrete transforms from gray to green!

## First non-metallic carbon reinforcement mesh with a German national technical approval (abZ) and general construction technique permit (aBG).

In combination with the German DAfStb-guideline "Concrete components with non-metallic reinforcement" the reinforcement could be planned in accordance with recognized engineering standards.



solidian GRID includes a range of rigid reinforcement grids available as flat or pre-shaped variants (solidian GRID Form), designed for high-performance applications in the construction industry. Made from high-strength glass or carbon fibers, these meshes provide a robust, non-corrosive solution with allows a reduced concrete cover, enabling more elegant and space-efficient designs while ensuring long-term durability even in harsh environments.

The lightweight material simplifies transportation, handling and installation. It The material can be supplied as mats or rolls. The latter enables large areas to be laid out quickly and cut to size to avoid overlapping and waste.



# Corrosion-free, high tensile strength & minimal concrete coverage

solidian GRID solutions also contribute to more sustainable construction by minimizing resource consumption, reducing CO<sub>2</sub>-emissions and offering enhanced resistance to chlorides and various environmental media. With an Environmental Product Declaration (EPD) certification, these solutions meet rigorous sustainability standards, making them an ideal choice for projects with a focus on environmental responsibility and long-term performance.

## Materials

- Carbon
- Glass

## Characteristics

- Non-corrosive and highly durable, providing long-lasting reinforcement solutions
- Resistant to chlorides and harsh environmental conditions, ensuring superior performance
- High tensile strength, surpassing traditional steel reinforcements
- Lightweight for easy handling, transport, and installation, increasing on-site efficiency
- Reduced concrete cover requirements, enabling slimmer and more aesthetic designs
- Environmentally friendly, promoting resource efficiency and reduced CO<sub>2</sub>-emissions
- Suitable for various applications, including precast elements, infrastructure projects, and renovation



**solidian** ANTICRACK

# Advanced reinforcement for crack limitation

solidian ANTICRACK is a carbon reinforcement grid with an even better bonding behavior for optimum crack distribution, small cracks and short anchorage lengths than steel reinforcement.

solidian ANTICRACK combines many advantages compared to conventional construction with steel reinforced concrete. The biggest advantage of our crack limiting reinforcement for concrete is the non-corrosive material with superior bonding behavior – this results in many advantages for the future of building with concrete.

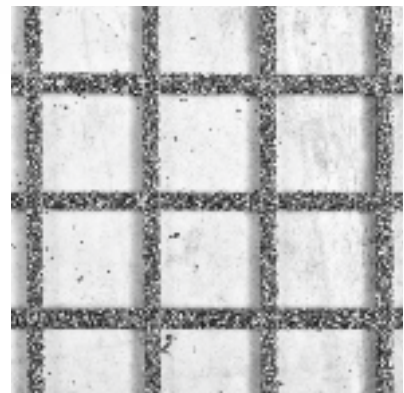
## Best bonding properties Smallest crack widths Liquid-tight

### Materials

- Carbon

### Characteristics

- Sanded surface for superior bonding behavior
- Higher tensile strength compared to structural steel
- Much lighter and thinner than steel
- Sustainable material as consumption of water, sand, and cement are significantly lower
- Thinner and safer components and thus less raw material usage and economical transport
- No corrosion
- Less crack widths and therefore much lower repair costs



**solidian** GRID

# Carbon grid reinforcement for structural strengthening with carbon concrete

CARBOrefit® refers to the method of strengthening the load-bearing structure of reinforced concrete components with the high-performance material carbon concrete. CARBOrefit® stands for a sustainable and resource-saving strengthening solution that simultaneously secures the existing structure and increases its load-bearing capacity and durability. The German national technical approval / general construction technique permit Z-31.10-182 provides planners a solution that makes a special contribution to resource-saving design in the construction industry. CARBOrefit® was honored with the DNGB Audience Award 2023 as part of the sustainable change "Preservation instead of demolition".

**CARBOrefit®**

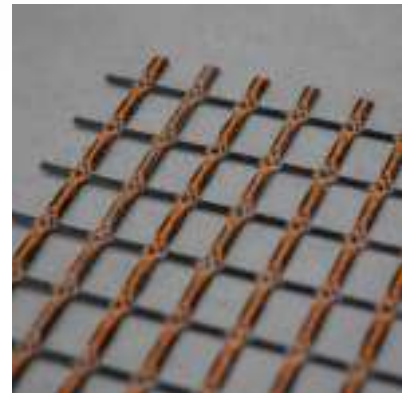
## Flexible & lightweight minimal concrete layer strengthening of structures

### Materials

- Carbon

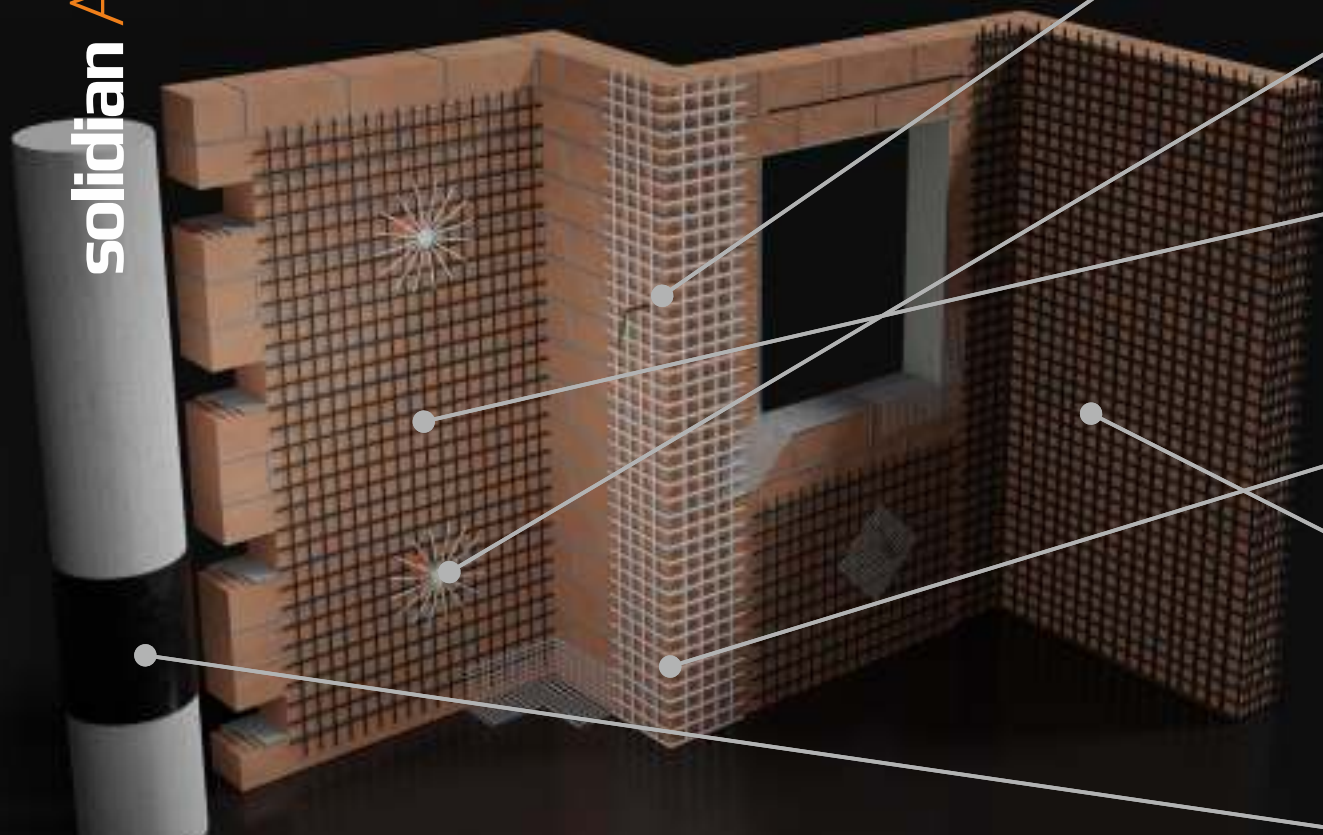
### Characteristics

- A special types of solidian GRID based on carbon fibres especially for the CARBOrefit® method.
- Corrosion resistance
- High characteristic tensile strength
- Flexibility and flat structure of the grid
- Super-light weight and the easy machinability compared to reinforcement steel mats



solidian ANTISEISMIC

# Complete non-corrosive earthquake reinforcement developed by experts



**solidian**  
ANTISEISMIC  
Connector L-shape

**solidian**  
ANTISEISMIC  
Connector Open End

**solidian**  
ANTISEISMIC  
Grid

**solidian**  
ANTISEISMIC  
Corners & Forms

**solidian**  
ANTISEISMIC  
Flex Grid

**solidian**  
ANTISEISMIC  
Wrap

## Resilience you can rely on

solidian ANTISEISMIC System is engineered for the renovation, restoration, and reinforcement of masonry and concrete structures. It provides optimal protection against seismic damage by enhancing structural strength, ductility, and load-bearing capacity.

Our innovative R&D ensures reliable and high-quality solutions tailored to earthquake resistance. Using cutting-edge materials like carbon, AR glass, and basalt, the system delivers superior performance while maintaining easy installation and long-term durability.

### Key Benefits

- Strengthens structural elements to resist seismic forces
- Increases ductility and load distribution
- Offers flexible and rigid reinforcement options for varied applications
- Lightweight, non-corrosive, and easy to install

### Why solidian ANTISEISMIC?

Our innovative R&D ensures reliable and high-quality solutions tailored to earthquake resistance. Using cutting-edge materials like carbon, AR glass, and basalt, the system delivers superior performance while maintaining easy installation and long-term durability.

### CRM System

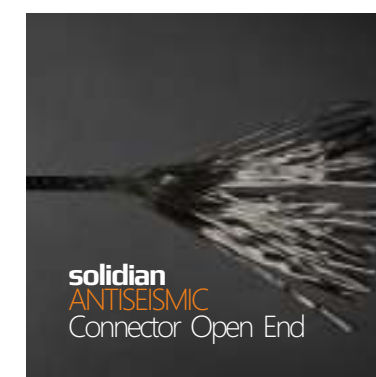
- Strengthens new and existing masonry and concrete elements by increasing strength, ductility, and load-bearing capacity with the combination of grid, corner and connector.
- CE marked under the EAD 340392-00-0104 CRM CE

### FRCM System

- Combines an anorganic matrix (cement or lime) with reinforcement grids (made out of carbon, basalt or AR glass) and connector for improved structural integrity under static and dynamic loads.

### FRP System

- Uses lightweight, high-strength materials to absorb tensile stresses and ensure a strong bond with reinforced elements.



**solidian** REBAR

# Highest performance. Like steel only better.

solidian REBAR is a non-corrosive, high-strength, non-metallic reinforcement material used in concrete structures. Made from high-strength fibers our rebars offer excellent tensile strength, low weight and resistance to chemical and environmental degradation. They are ideal for use in harsh environments, such as critical infrastructure projects, including bridges, tunnels or marine structures. solidian REBAR as straight bars or solidian REBAR Form as bent bars could help engineers to extend the lifespan of concrete structures.

## Non-corrosive strength for concrete durability

### Materials

- Glass
- Carbon

### Characteristics

- Corrosion-resistant: Reduced concrete cover, longer service life, lower maintenance costs for structures
- High tensile strength: Higher performance, lower overall construction costs
- Low weight: Lower transportation costs, easier handling
- Sustainable and resource-saving: Reduced resource usage, extended service life of structures
- Chloride and alkali-resistant: Minimal to no repair requirements
- Better price-performance ratio than other corrosion-resistant reinforcements

**EPD**®  
THE INTERNATIONAL EPD® SYSTEM



**solidian** REMAT

# Efficient structure reinforcement ready to use.

Lightweight, high-strength carbon fibre reinforcement bar mesh. Bar mesh is primarily used as reinforcement in concrete slabs. The reinforcement bar meshes are laid in the slab and create robust, durable components. The carbon fibers used in our reinforcement bar mats are corrosion-resistant and extremely durable. The mesh is made from our solidian REBAR carbon reinforcement bars, which have a ribbed profile. The ribbed profile improves the bonding effect with the concrete and thus minimizes the formation of cracks, which can be caused by the shrinkage of the concrete, for example.

## Built for long-lasting performance

### Materials

- Carbon
- Glass

### Characteristics

- Reduced weight with higher tensile strength
- High tensile strength: lower overall construction costs
- Sustainable and resource-saving: fewer construction materials are required and the service life is increased
- Low abrasive & chemically and chloride-resistant
- Better price/performance ratio than other competing non-metallic rebars



# Maximum powerful. Strong. Stiff.

CFCC® (Carbon Fiber Composite Cable) by Tokyo Rope is a reinforcing cable for concrete structures, developed using composite technology with carbon fibers and thermosetting resins, and formed into a stranded cable. Due to the exceptional properties of carbon fiber, CFCC® carbon fiber prestressing strand offers superior characteristics compared to other cables, including high tensile strength, high tensile modulus, lightweight, corrosion resistance, non-magnetic behavior, and low linear expansion. The innovative prestressing strand technology of CFCC® by Tokyo Rope International, with its stranded construction, ensures ease of handling and shaping.

## Lightweight strength unmatched durability

We are a partner of TOKYO ROPE Int. for the pre-stressing applications in Europe and the Middle East.



### Materials

- Carbon

### Characteristics

- High tensile strength and high modulus of elasticity: The tensile strength of CFCC is higher and the modulus of elasticity is similar to steel
- Corrosion-free: The material is corrosion-resistant, completely resistant to acids, alkalis and chemicals and therefore particularly resistant in marine environments
- Lightweight and flexible: CFCC is easy to transport and install, can be wound onto a reel and weighs 20% less than steel
- Non-magnetic: CFCC does not interfere with communication and conveying systems, so no demagnetization process is required
- High fatigue resistance: The fatigue properties of CFCC are better than those of steel - an ideal product for engineering structures
- Easy handling during installation in the tensioning bed: CFCC can be attached directly to the existing tensioning systems using adapters. This eliminates the need for expensive investments



**CFCC**  
CARBON FIBER COMPOSITE CABLE

Coiled on a reel, CFCC® is ideal for applications requiring long lengths, making it especially suited for the reinforcement of concrete structures like bridge construction. These features significantly enhance the service life of concrete structures, providing numerous benefits across various applications.

**solidian WRAP**

# High-strength carbon fiber for columns, arches and beyond

solidian WRAP is an extremely strong, stiff, and lightweight material, with strength significantly higher than both steel and aluminum. This flexible, high-strength carbon fiber is ideal for reinforcing various surfaces, including circular columns and arched structures. solidian WRAP is designed for structural reinforcement applications, with a wide range of unidirectional carbon fabrics available in different weights. The fabrics can be installed using either dry or wet application methods to meet the specific requirements of each project.

## Stronger, stiffer, lighter

### Materials

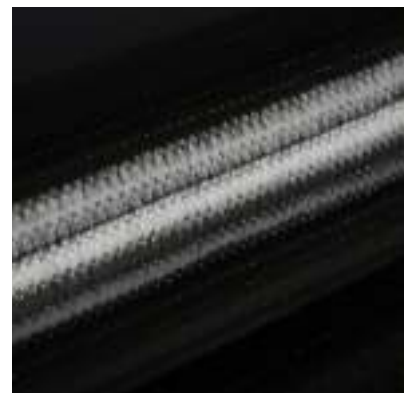
- Unidirectional carbon fiber

### Articles

- solidian WRAP 300
- solidian WRAP 600

### Characteristics

- Extremely high strength and stiffness
- Lightweight and flexible
- Ideal for reinforcing curved surfaces like circular columns and arches
- Available in various weights to suit different applications
- Can be applied using dry or wet processes







**solidian** Primafloor

# Crack-free screeds made easy

solidian Primafloor is a high-performance fiberglass designed to eliminate screed cracks during the critical drying and curing phase (28 days). Its flexible and lightweight design ensures easy installation and durability, making it ideal for both indoor and outdoor applications. It provides excellent tensile strength, impact resistance, and adaptability for bonded screed, floating screed, unbonded screed, or underfloor heating screed systems.

## Durable, lightweight, and ready for any floor system

### Materials

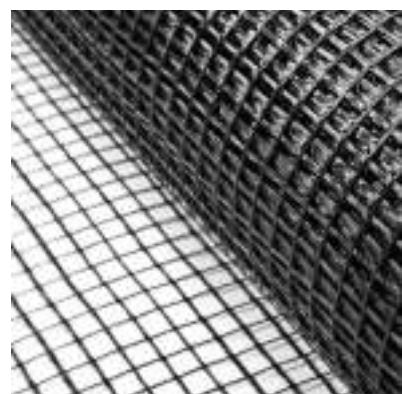
- E/ECR-glass
- AR-glass
- Basalt
- Carbon

### Articles

- Primafloor 130
- Primafloor 145
- Primafloor 340
- Primafloor B215
- Primafloor C220

### Characteristics

- Prevents cracks during the drying and curing process
- Flexible and lightweight for easy handling
- High tensile strength and impact resistance
- Non-magnetic and corrosion-free
- Suitable for indoor and outdoor applications
- CE-marked under EAD 260057-00-0303



**solidian Briksy**

# Reinforcing masonry with strength, stability, and simplicity

solidian Briksy is an innovative, non-corrosive reinforcement made from AR glass and carbon fibers, designed specifically for masonry structures. It provides superior stability, crack resistance, and enhanced load-bearing capacity. Ideal for use in both residential and industrial masonry projects, Briksy ensures long-lasting durability and reliability while being simple to install and handle on-site.

## Built to last for generations

### Materials

- AR Glass
- Carbon

### Articles

- solidian Briksy 40
- solidian Briksy 50
- solidian Briksy 75
- solidian Briksy 300
- solidian Briksy 100L
- solidian Briksy 200L

### Characteristics

- High-performance reinforcement to minimize cracking from stress or thermal expansion
- Flexible, lightweight, easy to install without specialized tools and available in various widths
- Non-corrosive and suitable for both indoor and outdoor environments
- Enhances in-plane flexural strength and resists out-of-plane movement
- Tested according to EN 846-2



**solidian** FLEX GRID

# Multi-purpose flexible & non-corrosive

solidian FLEX GRID represents a group of high-performance flexible grids made from various materials: AR glass, basalt, carbon and hybrid fibers. These grids are specifically designed for a wide range of construction applications, including reinforcing thin-layer components and meeting the unique demands of modern construction. Their adaptability and resilience make them easy to integrate into different types of building systems.

solidian FLEX GRID are lightweight and easy to handle, simplifying their use on-site while also increasing corrosion resistance and extending the lifespan of structures. Their flexibility allows optimal adaptation to different shapes and surfaces, while their high tensile strength ensures effective reinforcement of concrete elements. By combining various materials, solidian FLEX GRID offers tailored solutions depending on the specific needs of each project.



## Lightweight Flexible & Built to last

### Materials

- AR Glass
- Basalt
- Carbon
- Hybrid

### Characteristics

- Flexible and adaptable grids suitable for various construction applications
- High corrosion resistance for extended durability
- Lightweight for easy handling and installation, reducing labor time and costs
- High tensile strength to enhance structural stability
- Suitable for a wide variety of projects, including thin-layer elements, facades, and renovation work
- Contributes to more sustainable construction practices through resource efficiency and reduced material consumption



**solidian** Primafas

# Strengthening facades with lasting protection



Primafas is a high-performance fiberglass specifically designed for ETICS (External Thermal Insulation Composite Systems). It delivers exceptional tensile strength, ensuring superior resistance to cracking and long-term protection for facades against water, mold, and mechanical stress. Its alkali-resistant coating guarantees extended durability in demanding conditions.

## Built to endure the elements

### Materials

- E/ECR-glass
- AR-glass

### Articles

- solidian Primafas 150
- solidian Primafas 160
- solidian Primafas Strong 210
- solidian Primafas Strong 330

### Characteristics

- High tensile strength for enhanced facade stability
- Does not add significant weight or mass to the structure
- Lightweight and flexible for easy handling
- Corrosion-resistant
- CE marked under EAD 040016-00-1201





**solidian Hydro**

# Lightweight reinforcement, heavy-duty waterproofing

solidian Hydro is a high-performance, lightweight fiberglass designed to reinforce waterproofing systems. Its unique, lightweight structure allows it to conform to challenging terrains, providing superior waterproofing for surfaces frequently exposed to water, such as terraces, balconies, and flat roofs. The delivers outstanding durability and flexibility, ensuring long-lasting protection against environmental stress.

## Built to withstand the elements

### Materials

- Glass

### Articles

- solidian Hydro 70
- solidian Hydro 75
- solidian Hydro 90

### Characteristics

- Lightweight, allowing easy adaptation to complex surfaces
- High mechanical strength for enhanced waterproofing
- Flexible without compromising strength
- Alkali-resistant for extended durability
- Corrosion-resistant
- C mark compliant under the Technical Regulation on Construction Products (NN 35/18, 104/19)



**solidian** PROTECT A1

# Advanced fire resistance, engineered for modern construction

solidian Protect A1 is a high-performance membrane designed to provide superior fire protection in various construction applications. Certified as non-combustible under EN 13501-1, it ensures compliance with stringent safety standards. Ideal for use in roofs and other areas requiring robust fire resistance, Protect A1 offers architects and planners a reliable solution for enhancing building safety.

## Certified protection for safer buildings

### Materials

- Glass
- Basalt

### Characteristics

- Non-flammable and does not contribute to flame propagation
- Excellent solar and glare control properties
- Maintenance-free and weatherproof
- Water-repellent with UV protection
- Certified to building material class A1, classified as non-combustible to EN 13501-1 reaction to fire



**solidian** CONNECTOR  
Open End

# Connecting systems, enhancing strength

solidian Open End Connector is a non-corrosive anchoring component specifically designed for integration with solidian grids in structural reinforcement applications. Made from alkali-resistant carbon or AR-glass fibers, the connector provides robust durability and high shear resistance. Its design is complemented by an alkali-resistant epoxy coating, ensuring compatibility with lime- or cement-based mortars and various hydraulic or chemical grouting matrices.

## Anchoring strength with precision and durability

### Materials

- Glass
- Carbon

### Characteristics

- **Non-Corrosive Material:** Resists environmental degradation for long-term reliability.
- **High Shear Resistance:** Supports demanding reinforcement applications.
- **Versatile Use:** Optimized for lime- and cement-based mortars and suitable for historical and modern building applications.
- **Enhanced Fiber Protection:** Prevents cracking or damage to fibers during installation, especially when frequent directional changes are required.

**solidian**  
CONNECTOR Conn Pin



**solidian** CONNECTOR  
Endless Rope

# Versatility meets durability

solidian Connector Endless Rope is a flexible, durable reinforcement solution for anchoring and strengthening masonry and concrete structures. Its lightweight, non-corrosive design ensures long-term reliability, while its versatility makes it suitable for a wide range of applications, enhancing structural integrity.

## Reinforce smarter, build stronger

### Materials

- Carbon
- Glass

### Characteristics

- Flexible and adaptable to various shapes.
- High tensile strength with excellent bonding properties.
- Non-corrosive and lightweight for lasting performance.





**solidian** CONNECTOR  
L-Shape

# Strong connections for stronger structures

The system fixed with solidian Connector L-Shape increases its ductility, load-bearing capacity and evenly distributes load to the surface or the entire system.

L-Shape connector is made with special fillers that create an active connection to the mortar or resin.



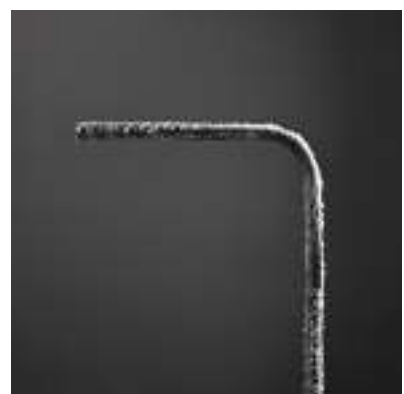
## Active connection & ultimate reinforcement

### Materials

- AR Glass
- Carbon
- Basalt

### Characteristics

- High-strength and durable
- Specially developed for fixing wall reinforcement
- Corrosion-resistant and maintenance-free
- Suitable for a wide range of applications in construction



## solidian CONNECTOR

Wall Crack & Staple Anchor

# Low cost, no maintenance high impact

### solidian Wall Crack Anchor

A cost-effective solution for repairing cracks in masonry facades and openings. This anchor provides maintenance-free crack bridging with minimal intervention.

### solidian Staple Anchor

Cost-effective solution for repairing cracks and restoring the functionality of concrete elements. It ensures durable, maintenance-free crack bridging through a high-performance fiberglass composite and provides reliable force-fit and elastic reinforcement.

## Durable solutions for masonry facades

### Characteristics

solidian Wall Crack Anchor

- Durable, lightweight, and visually discreet
- High-performance bonding properties
- No removal and reconstruction of (partial) elements necessary

### Characteristics

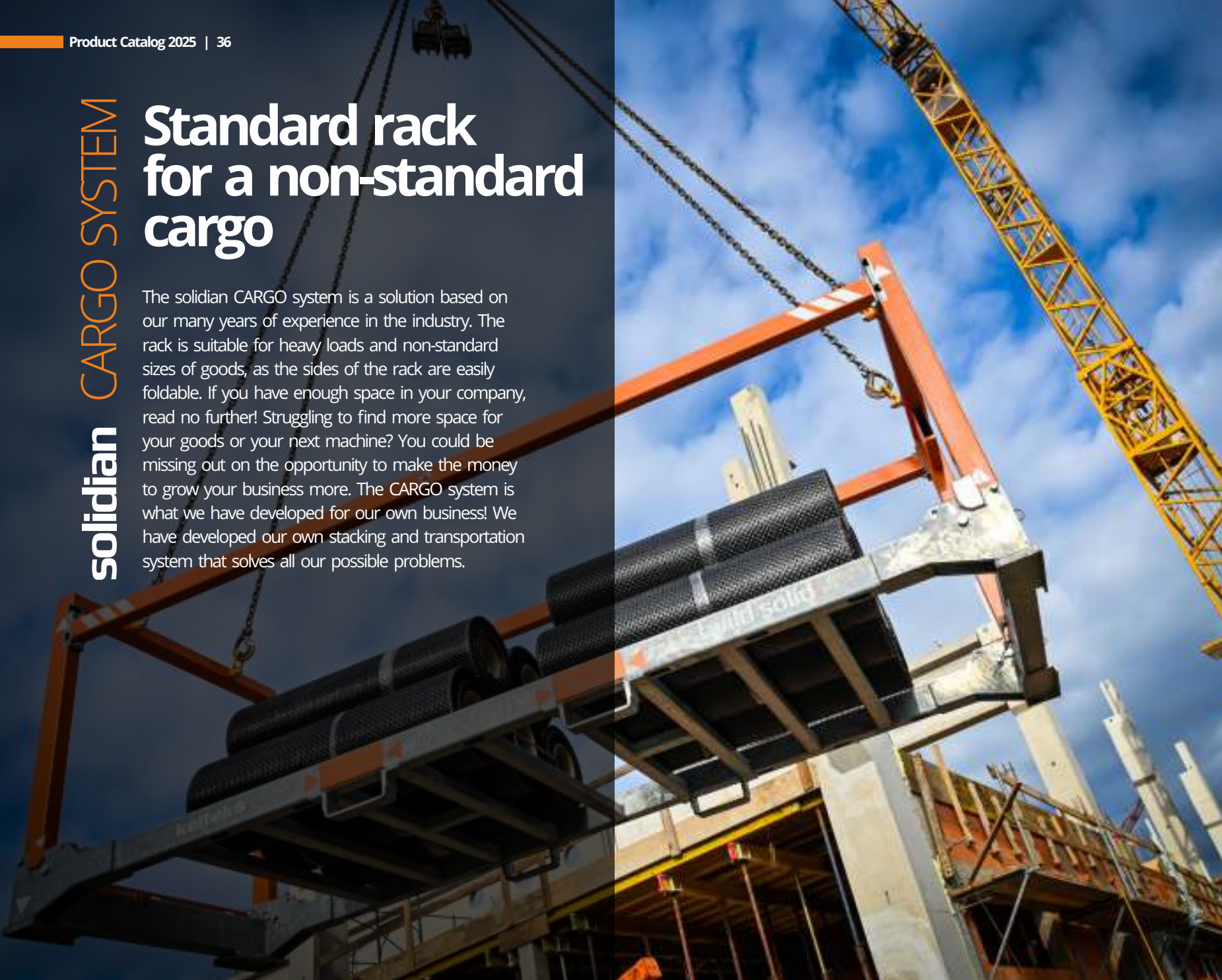
solidian Staple Anchor

- Effective transfer of tensile loads with excellent adhesion
- Lightweight, non-corrosive material with a sanded surface for strong bonding
- Easy handling and installation without special training
- Suitable for various element types, with low material and labor costs



# Standard rack for a non-standard cargo

The solidian CARGO system is a solution based on our many years of experience in the industry. The rack is suitable for heavy loads and non-standard sizes of goods, as the sides of the rack are easily foldable. If you have enough space in your company, read no further! Struggling to find more space for your goods or your next machine? You could be missing out on the opportunity to make the money to grow your business more. The CARGO system is what we have developed for our own business! We have developed our own stacking and transportation system that solves all our possible problems.



**Easy stacking**  
3 loaded or 8 disassembled pallets can be stacked on top of each other.



**Mobile & modular**  
Use it as a mobile shelf in your warehouse which doesn't have to be fixed to the wall/floor and is easy to manipulate.



**Gsl system**  
Our Guide Slide Lock system ensures easy manipulation and safe pallet stacking.



**High load capacity**  
Robust steel construction is suitable for heavy loads and ensures long service life.



**Easy manipulation**  
Double forklift pockets enable lifting the pallet from all 4 sides - you have an easy access to the pallet wherever you place it.



**Makes space**  
3x more space in your warehouse by stacking loaded pallets on top of each other. Extra space to grow your business.



**Time saving**  
Fast assembly / disassembly and manipulation.



**Saves resources**  
Zero waste of disposable and non-returnable wooden or plastic pallets



**Collapsible walls**  
The perfect solution for oversized loads and sensitive or fragile materials.



**Load & secure**  
Security locks and strap holders for extra protection and more options to protect your cargo.



**Non corrosive**  
Galvanized steel construction for long service life.



**Hi-viz**  
Safety first! High visibility reflective labels and markers.

## Technical Specification

- Net weight: 300kg
- Max load: 2000kg
- Max gross weight: 2300kg
- Superimposed load: 6600kg
- Height(open): 1240mm
- Height(folded): 365mm
- Length: 3350mm
- Width: 1200mm
- Cargo space: 4m<sup>2</sup>
- Loading capacity: 3,2m<sup>3</sup>
- Load fitting: 3 Euro pallets



## 2in1 solution

pallet for easy transport, or stand-alone mobile shelf for storing goods

## Makes space

enables stacking of 3 loaded pallets or 8 disassembled pallets on top of each other

## Fits perfect

16 loaded (open) or 64 disassembled (folded) pallets fit into standard 13m truck

## Iso standards

Cargo System is manufactured according to ISO 1090-1



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ISO 14001

