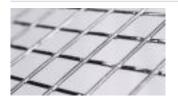
# About this organisation

solidian is the leading manufacturer of non-metallic reinforcements made of carbon and glass fibers for innovative concrete construction. The reinforcements are used by building with textilereinforced concrete in architectural and structural elements as well as in furniture construction. They convince by corrosion-freedom, lightness and sustainability.

From the development and production of the reinforcements to the component calculation, solidian offers everything from a single source. Non-metallic reinforcements made of carbon and glass fibers are increasingly in use in innovative projects and convince through their technological and creative advantages. Especially in façade construction, the building material shows its combined strength of lightness, stability and diversity and is in increasing demand, as long as sustainable solutions are required. Planners and manufacturers of precast elements rely on solidian's extensive experience. In recent years, the company has made a name for itself not only as a manufacturer of non-metallic reinforcements, but also as a technology consulting project partner. The growing worldwide demand for this innovative building material demonstrates the enormous potential of building with textilereinforced concrete in various construction sectors.

Sigmaringer Straße 150 72458 Albstadt Baden-Württemberg Germany www.solidian.com





## Organisation type

Small or medium-sized enterprise

### Sectors



### **Employees**

10 up to 49

### Turnover

n/a

### **Funding**

n/a

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About this organisation			
Main areas covered	non-metallic reinforcement, application consulting, bar reinforcement		
Infrastructure	Test Laboratory		
Certifications	DIN EN ISO 9001:2015, abZ Fertiggaragen, abZ Sandwichwand		
Keywords	reinforcement, fibre reinforced concrete, carbon concrete, carbon reinforcement, glass fibre reinforcement		
Memberships	C³-Carbon Concrete Composites e.V., AFBW, DGNB, Composites United e.V. , GRCA		

	Research	Development	Manufacturing & Supply
Offer			
Products			
Services & consulting			
Field of technology			
<b>Design &amp; layout</b> Hybrid structures, Lightweight material construction		~	<b>✓</b>
Functional integration			
Measuring and testing technology			
Modelling and simulation Structural mechanics, Materials		<b>✓</b>	<b>✓</b>
Plant construction & automation			

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	Manufacturin		
	Research	Development	& Supply
Manufacturing process			
Additive manufacturing			
Coating (surface engineering)			
<b>Fibre composite technology</b> Casting (concrete), Resin infusion process, Prepreg processing		<b>✓</b>	<b>~</b>
Forming Thermal converting		<b>✓</b>	
Joining			
Material property alteration Thermomechanical treatment		<b>✓</b>	<b>✓</b>
Primary forming Pultrusion		<b>✓</b>	<b>✓</b>
Processing and separating			
Textile technology  Textile surface treatment and finishing, Weaving, Knitting, laid web production		<b>✓</b>	<b>✓</b>

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		N	Manufacturing
	Research	Development	& Supply
Material			
Biogenic materials			
Cellular materials (foam materials)			
Composites Basalt fibre-reinforced plastic, Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP), Textile-reinforced concrete		<b>✓</b>	<b>✓</b>
<b>Fibres</b> Basalt fibres, Glass fibres, Carbon fibres		<b>✓</b>	<b>✓</b>
Functional materials			
Metals			
<b>Plastics</b> Thermoset plastics, Thermoplastics		<b>✓</b>	<b>✓</b>
Structural ceramics			
(Technical) textiles Laid webs, Woven fabrics		<b>✓</b>	<b>✓</b>

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