

Schill+Seilacher "Struktol" GmbH

About this organisation

Machine translation

This organisation has been machine-translated based on data provided in German.

Manufacturer of industrial process additives

POLYVERTEC® COMPOSITE SYSTEMS STRUKTOL®
POLYVERTEC® COMPOSITE SYSTEMS for fibre composite applications and potting compounds Fibre composite components (composites) based on reactive resin systems are used in many areas of application: Transport (railway, shipping): Wagon construction, ship superstructures Wind energy: rotor blades Sports and leisure industry: golf clubs, bicycles, fishing rods, etc. Gliders: aeroplane fuselage, wings and tail unit Construction industry: stiffening elements, lamellas and re-bars ("structural steel mats") Casting compounds The properties of POLYVERTEC® COMPOSITE SYSTEMS can be adapted within wide limits in order to meet the different requirements of processing methods and the properties of the finished fibre composite component.

Moorfleeter Strasse 28
22113 Hamburg
Hamburg
Germany
www.struktol.de



Organisation type

Large enterprises

Sectors

No specific sector

Employees

250 up to 499

Turnover

More than €50m

Funding

n/a



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About this organisation

Main areas covered	Toughner, Flame retardants, Epoxy resins, Biopolymers, Reactive polymers
Infrastructure	Internal laboratory, Chemical reactors
Certifications	ISO 9001, ISO 14001, ISO 50001
Keywords	Epoxy resin, Prepreg, Biobased, Polyester
Memberships	Composites United e.V.

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Semi-finished parts, Systems and end products, Materials	✓	✓	✓
Services & consulting Consulting, Distribution, Testing and trials, Prototyping, Validation, Technology transfer	✓	✓	✓

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
Measuring and testing technology			
Visual analysis (e.g. microscopy, metallography), Materials analysis, Destructive analysis	✓	✓	✓
<i>Modelling and simulation</i>			
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
Fibre composite technology			
Fibre spraying, Filament winding, Manual lamination, Resin infusion process, Resin transfer moulding, Pre-preg processing, Vacuum infusion	✓	✓	✓
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
<i>Textile technology</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
Biogenic materials Bioplastics, Biocomposites	✓	✓	✓
<i>Cellular materials (foam materials)</i>			
Composites Aramid fibre composites, Basalt fibre-reinforced plastic, Glass-fiber reinforced plastics (GFRP), Ceramic matrix composite (CMC), Carbon-fiber reinforced plastics (CFRP), Natural fibre reinforced plastics (NFRP), Textile-reinforced concrete	✓	✓	✓
<i>Fibres</i>			
<i>Functional materials</i>			
<i>Metals</i>			
Plastics Thermoset plastics, Elastomers	✓	✓	✓
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts	
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