

About this organisation

Machine translation

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

Engineering and expert office for sandwich technology, lightweight metal construction and structural analysis

Engineering and expert office for structural analysis, sandwich technology and lightweight metal construction
Planning and structural calculations for roof, wall, ceiling and façade elements, lightweight constructions, sandwich and composite components, additive and composite ceilings, Type statics (e.g. span or load tables) for construction elements, Support in approval procedures and approvals in individual cases, Software development (SandStat↑, SandExcel → Downloads), Development of special solutions and/or alternative proposals, Expert opinions on product labelling and usability (e.g. for DIBt, EPAQ etc.), Damage assessments with the involvement of publicly appointed and sworn experts, Scientific advice on the development of new products, influence of materials and geometry on load-bearing behaviour, design concepts for new construction methods and fastenings

Otto-Hesse-Straße 19/T7
64293 Darmstadt
Hesse
Germany
www.is-eng.de

Main areas covered

Sandwich elements, Lightweight metal construction

Infrastructure

Certifications

Keywords

Sandwich, Sandwich elements, SandStat, Lightweight metal construction, Experts

Memberships

DIN, DIBt, IFBS, ppa-Europe, CEN

IS - engineering GmbH

Organisation type

Small or medium-sized enterprise

Sector



Employees

Up to 9

Turnover

Up to €2m

Funding

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products			
Materials		✓	
Services & consulting			
Training, Engineering, Standardisation, Approval		✓	
Field of technology			
Design & layout			
Others (Dimensioning of sandwich elements)	✓	✓	✓
Functional integration			
Measuring and testing technology			
Modelling and simulation			
Plant construction & automation			
Recycling technologies			
Manufacturing process			
Additive manufacturing			
Coating (surface engineering)			
Fibre composite technology			
Forming			
Joining			
Material property alteration			
Primary forming			
Processing and separating			
Textile technology			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
Cellular materials (foam materials)			
Closed-pore		✓	
<i>Composites</i>			
<i>Fibres</i>			
<i>Functional materials</i>			
<i>Metals</i>			
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

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