ThermHex Waben GmbH

About this organisation

Machine translation

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

ThermHex Waben produces polypropylene (PP) honeycomb cores for use as core material in sandwich panels and lightweight components. We offer our customers high-quality honeycomb cores that make it possible to produce improved and more cost-effective lightweight sandwich components. In doing so, we support our customers in fulfilling the growing requirements for weight reduction and the more careful use of raw materials.

The use of lightweight components is making it possible to reduce environmental impact in more and more areas of application. ThermHex produces its honeycomb cores in an almost climate-neutral way. Thanks to the patented and highly efficient process for continuous honeycomb core production, sandwich elements for lightweight products can be produced particularly economically. It enables the use of honeycomb cores even in areas where they have not yet been used, usually for cost reasons. ThermHex honeycomb cores are used wherever high-quality products with an optimum strength-to-weight ratio are required. Whether for the production of panels for lorry box bodies, for the interior finishing of ships or for modern swimming pools, our honeycomb cores are versatile. Our honeycomb cores are available in various cell diameters, thicknesses and densities.

Merseburger Str. 235
06130 Halle (Saale)
Saxony-Anhalt
Germany
www.thermhex.com

Organisation type
Small or medium-sized enterprise

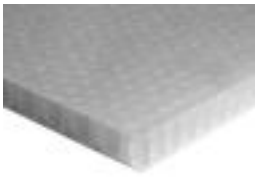
Sectors

Employees
10 up to 49

Turnover
€2m - €10m

Funding
n/a



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About this organisation

Main areas covered	Core material for sandwich elements
Infrastructure	Production
Certifications	ISO 9001:2015
Keywords	Honeycomb cores, Honeycomb panels, Sandwich panels
Memberships	Composites United e.V., Lightweight construction interest group, MariLight

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Materials		✓	✓
Services & consulting			
Field of technology			
Design & layout			
Functional integration Material functionalisation		✓	
Measuring and testing technology			
Modelling and simulation			
Plant construction & automation			
Recycling technologies			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing			
Coating (surface engineering)			
Fibre composite technology Others (Laminating)		✓	✓
Forming			
Joining			
Material property alteration			
Primary forming			
Processing and separating			
Textile technology			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
Biogenic materials			
Cellular materials (foam materials) Open-pore, Others (thermoplastic honeycombs)		✓	✓
Composites Glass-fiber reinforced plastics (GFRP)		✓	
Fibres			
Functional materials			
Metals			
Plastics Thermoplastics		✓	✓
Structural ceramics			
(Technical) textiles			

Contacts

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Contacts

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