

Bochum University of Applied Sciences

Department of Civil and Environmental Engineering - specialising in solid construction

About this organisation

Machine translation

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

Bochum University of Applied Sciences - Faculty of Civil and Environmental Engineering - Department of Solid Construction. The Department of Concrete and Masonry Structures is part of the Institute of Structural Engineering in the Department of Civil and Environmental Engineering at Bochum University of Applied Sciences. It is affiliated to the Laboratory for Building Materials and Structural Engineering.

The use of hollow bodies in biaxially tensioned floor slabs has been a research focus of the Solid Construction department for many years. Work is currently also being carried out on the development of hollow core matrices for use in foundation slabs. In cooperation with partners, general building authority approvals for various types of hollow core have been obtained in recent years.

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www.hochschule-bochum.de/fbb/team/persoennliche-seiten/albert/

Main areas covered

Hollow core slabs, air-Con hollow chamber moulds

Infrastructure

Building materials laboratory

Certifications

Keywords

Hollow core slabs, air con matrices

Memberships



Organisation type

University or higher education institution

Sectors

No specific sector

Employees

500 and more

Turnover

n/a

Funding

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Materials	✓	✓	
Services & consulting Training, Testing and trials, Prototyping, Simulation	✓	✓	
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
Modelling and simulation Loads & stress, Optimisation, Materials	✓	✓	
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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Research Development **Manufacturing
& Supply**

Manufacturing process

Additive manufacturing

Coating (surface engineering)

Fibre composite technology

Forming

Joining

Material property alteration

Primary forming

Processing and separating

Textile technology

Material

Biogenic materials

Cellular materials (foam materials)

Composites

Fibres

Functional materials

Metals

Plastics

Structural ceramics

(Technical) textiles

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Contacts

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