

Bundesverband Leichtbeton e.V.

About this organisation

Machine translation

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

The main objective of the Bundesverband Leichtbeton e.V. is to increase the market share of lightweight concrete building materials through sustainable promotion in the areas of "marketing, public relations, politics, research, development and standardisation" and to strengthen the market position of the lightweight concrete industry as a whole.

Lightweight concrete is made exclusively from mineral components. Cement with a reduced clinker content, such as pozzolanic or trass cement, is used as a binding agent. This means that lightweight concrete products only need to be dried. There is no need for energy-intensive firing or hardening in the kiln. When buildings are dismantled, lightweight concrete can be completely recycled. The unmixed building material flows directly back into the production of new wall-building materials. A process has been developed for recycling non-sorted building materials that makes it possible to separate the gypsum plaster used in practice from the lightweight concrete. Lightweight concrete as a building material impresses with its combination of excellent thermal insulation, good soundproofing and a healthy indoor climate. Bricks and elements made of lightweight concrete can be used universally - in residential and commercial construction or as noise barriers along roads and railway lines.

Sandkauler Weg 1
56564 Neuwied
Rhineland-Palatinate
Germany
www.leichtbeton.de



Leicht Beton

Organisation type

Association, Chamber of industry and commerce

Sector



Employees

Up to 9

Turnover

n/a

Funding

n/a

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About this organisation

Main areas covered Lightweight concrete

Infrastructure

Certifications

Keywords

Memberships DGfM e.V., DIN

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
<i>Products</i>			
Services & consulting Consulting, Standardisation	✓	✓	
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<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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