

LightBeton[®] - genuine material instead of imitations

Not everything that looks like concrete actually is concrete. Especially in the decoration of interior rooms, there are many imitation materials, the surfaces of which are made of plastics, but which are sold as concrete. Richter akustik & design takes – like with their other products – way more innovative paths. LightBeton[®] resulted from the extensive exchange of ideas between the creative heads at Richter's and many architects, who are designing their interior rooms with authentic concrete surfaces, but at the same time wanted to take the advantages of lightweight construction.

Now, the company Richter is well-known in the industrial sector for thinking outside the box and to take new paths with their experience and new impressions. So they do with LightBeton[®] too. Suggestions and necessary information were gathered at building sites and combined with other ideas. The result is a composite material made of genuine concrete and light carrier materials for the most different of applications for interior architecture, trade-shows, retail shops and many more. The material characteristics offer unlimited creative design. Tabletops, pedestals, columns and pillars, room dividers, doors, partition walls, backings, tables - all these items take on the typical concrete characteristics with LightBeton[®]. The creative surface for furniture, walls and ceilings.

Excellent characteristics

In addition to its pleasing appearance and touch, LightBeton[®] especially stands out for its unique characteristics and easy processing possibilities. LightBeton[®] only weighs 3.9 kg per square meter (wearing surface) and is considerably lighter than a solid concrete wall. The material is easily processed with woodworking equipment, without increased wear of tooling.

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LightBeton® can not only be used for walls and other vertical surfaces, but also – for temporary applications – for floorings and bathrooms.

The 2 mm thick cementitious material rests on a basis of mineral fiber, cement and binding materials. The edges can be designed from the same material as the surfaces or abs edgings with standard edge-banding machinery. The look become especially authentic by adding a slight bevel to the sharp corner. LightBeton® is available in different colorations from Classic white, Classic grey, Classic anthracite, Urban grey to Formwork System. Formwork System offers an exceptional design with the detailed print of the concrete formwork. It is available in four different prefabricated formats, which can be combined with each other.

The material composition with PP-honeycomb is new.

A composite material made of light honeycomb material as carrier plate and a 2 mm cover layer LightBeton® result in a material thickness of about 7 mm altogether – with porous, authentic formwork characteristics.

An awarded material

LightBeton® has also gained the attention and notoriety of experts in the industrial sector – architects, designers and processing plants. The innovative material has been given prestigious awards for the third time now. The German Design Council awarded it the German Design Award 2016 for its outstanding design quality in the category "Material and Surface." The German Design Council also awarded it the "Interior Innovation Award," and the Red Dot the "interzum Award Best of the Best."

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LightBeton[®] in use: ideally suited as ceiling and wall panels



Living room wall cladding



Gastronomy: tabletops
wall claddings



Trade fair show and construction
industry



LightBeton[®] cross section / egde

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