

concrete skin facade panels made of glassfibre reinforced concrete



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concrete skin

The development of concrete skin was inspired by Rieder's vision of a concrete cladding panel that is both stable and lightweight. The large-format panels are 13 mm thin and give architects plenty of scope in the design of individual facades, with regard to colour, structure and form. Glassfibre reinforced concrete is non-combustible and made of mineral-based raw materials, giving the panels their unique characteristics. The authentic appearance creates a vivid facade. Since concrete skin can be used for interior applications as well, it becomes possible to overcome traditional boundaries of space and to increase the element of flow inherent in the materials. Interior and exterior spaces are merged into one.







formparts

Thanks to its ductility, concrete skin can be smoothly guided over corners and edges. The curved elements are tailormade as a single piece and are obtainable as semicircular arches or corners or with an U-section. It is through flowing transitions that monolithic facades emerge, with the joints presenting an image of calm. By combining large-format panels with preforms, an economically viable solution is made possible for the entire casing of the building.



COVER

Hotel Mount Stephen, Montreal, Canada lemay architects | ivory LEFT

Spa Resort & Hotel Tuhelj, Croatia Mikelic Vres Arhitekti | terra Private Residence Ljubljana, Slovenia ivory & terra

Buddhist Center Vienna, Austria HOPPE architects | silvergrey & sandstone

RIGHT

Oxford Brookes University, Great Britain Design Engine Architects | liquid black Residential Building Hatting, Austria Seelos architects | sahara





concrete skin for interior design

Technical data

Sizes

2500 x 1200 x 13 mm | 3100 x 1200 x 13 mm | 3600 x 1200 x 13 mm

Fixing systems

Substructure: aluminium, steel Visible: rivets, screws Concealed: Rieder Power Anchor, undercut anchor, adhesive

Product characteristics

Building material class A1 (according to DIN 4102), non-combustible Dead load / mass per unit area 26 - 31.5 kg/m² Bending tensile strength > 18 N/mm²

Colours and surfaces

12 colours, through-coloured 3 surface textures: FE ferro (sandblasted), FL ferro light (finely sandblasted) and MA matt (brushed)

More colours and sizes are available on request.



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Please note Subject to misprints and typesetting errors. Due to technical reasons printed colours may differ from the original shade. For exact colour specification and matching, original concrete skin colour samples must be used. Concrete is a natural material. The raw materials used for the production create a specific surface appearance which is typical for concrete. This play of colours within a certain colour shade is intentional and enhances the vivid character of concrete. For further details regarding planning and execution, please consult our technical data sheets or www.rieder.cc. Photos Ditz Fejer, Ivan Dorotic EN 02/2017