concrete skin
facade panels made of
glassfibre reinforced concrete
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.
Thanks to its ductility, concrete skin can be smoothly guided over corners and edges. The curved elements are tailor-made 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.
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.

Rieder Smart Elements GmbH
Mühlenweg 22 | 5751 Maishofen | Austria
+43 6542 690 844
office@rieder.cc | www.rieder.cc