**concrete skin**
facade panels made of fibreC
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 color, 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, 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 and corners or with a 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 formparts, an economically viable solution is made possible for the entire casing of the building.
Technical data

Sizes
1200 x 2500 x 13 mm (CA)  47 5/8" x 98 3/8" x 1/2" (US)
1200 x 3100 x 13 mm (CA)  47 5/8" x 123 1/16" x 1/2" (US)
1200 x 3600 x 13 mm (CA)  47 5/8" x 111 3/16" x 1/2" (US)

Fastening systems
Substructure: aluminum, steel
Visible: rivets, screws
Concealed: undercut anchor, adhesive, Rieder Power Anchor (coming soon)

Product characteristics
Building material class A1 (according to DIN 4102), non-combustible
Dead load / mass per unit area 26 - 31.5 kg/m² | 5.33 - 6.45 lbs/ft²
Bending tensile strength > 18 N/mm²

Colors and surfaces
12 colors, through-colored
3 surfaces: ferro (sandblasted), ferro light (finely sandblasted) and matt (brushed)

More colors and sizes are available on request.  * Discounted color  ** Premium colors