Material

fibreC is a glassfibre reinforced concrete that combines the advantages of both materials. The quality, the technical characteristics and the longevity facilitate versatile and avant-garde applications of a natural product. Rieder facade cladding is designed as a mounted, ventilated facade.

Fire safety

Products made of fibreC guarantee absolute fire resistance: fire rating A1 - "non-combustible" e.g. according to BBA Agrément Certificate 16/5362 for Great Britain and A2-s1,d0 - "non-combustible" e.g. according to abZ Nr. Z-31.4.166 for Germany.

Free of crystalline silicon dioxide

All Rieder products have always been free of crystalline silicon dioxide (< 1 M.-%) and are proven to be environmentally friendly.

Individual design

fibreC sets no limits for designers and planners and meets the demands of modern architecture with unusual and complex design variations (colours, textures, surfaces, printing, perforation, blasting, embossments and shapes).

Zero waste

All offcuts from production can be used as by-products such as filling material for noise barriers or as substructure.

Liveliness

The natural product with its characteristic signs of life, such as cloud effect, pores, and an interplay of shades of colour, provide a lively appearance on the facade.

High performance

fibreC withstands highest loads with a thickness of only 13 mm, is durable and yet individually applicable. The technical properties of fibreC are maintained over a service life of up to 50 years in all climate zones.
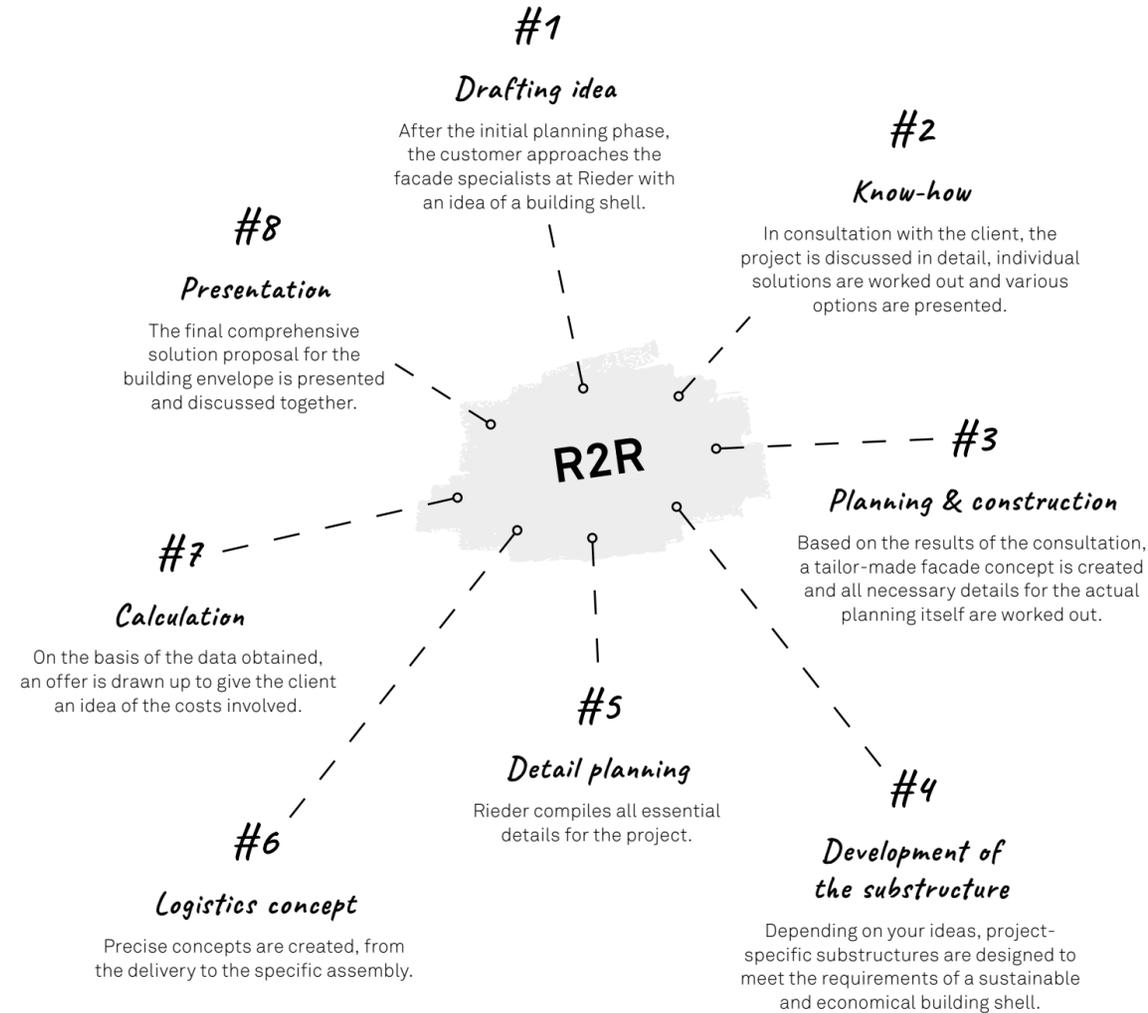
Size

Since the enormous panel sizes mean that there is no need to interrupt the material, there is a wide range of possible applications and shapes. 7000 mm length on request (concrete skin & formparts.fab).
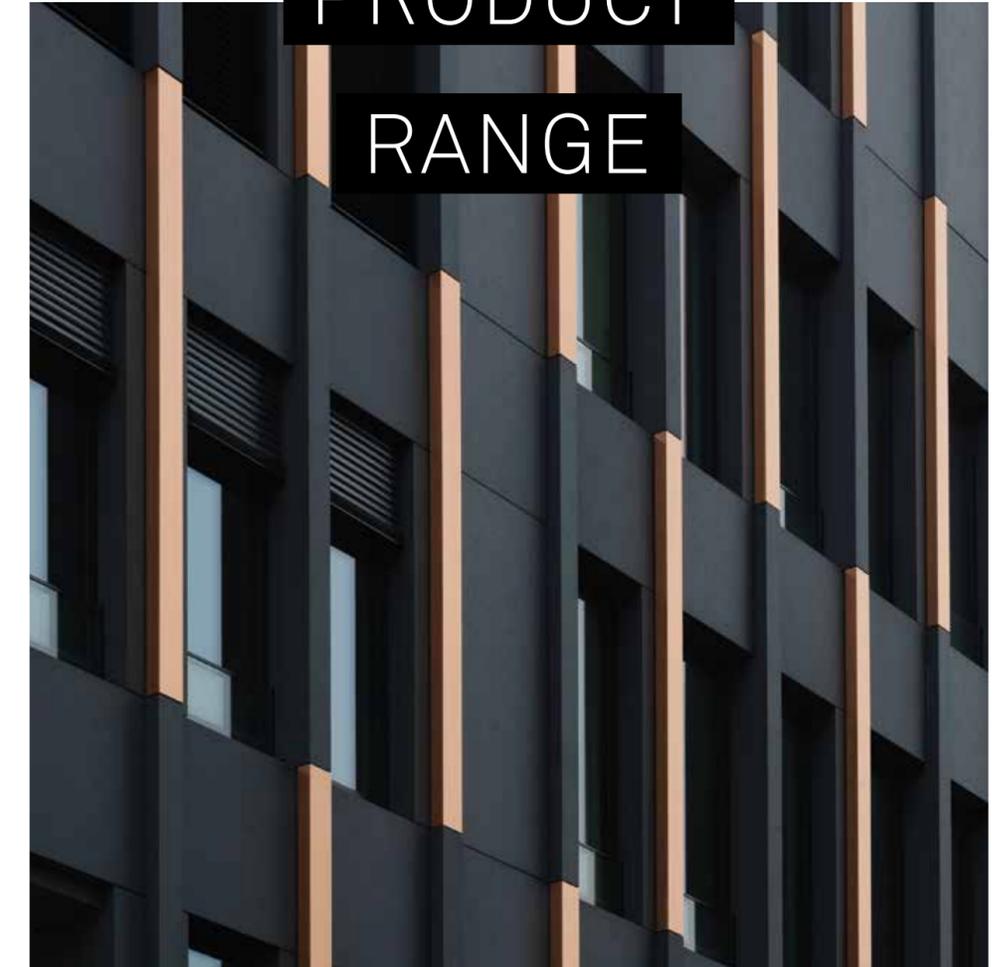
Services

Rieder's facade specialists and their well-established network are available to support architects and planners in all project steps, from the early planning phase to implementation. R2R "Rendering to Realisation" describes Rieder's integrative approach to developing a holistic solution for building envelopes.

R2R

#1 Drafting idea
After the initial planning phase, the customer approaches the facade specialists at Rieder with an idea of a building shell.

#2 Know-how
In consultation with the client, the project is discussed in detail, individual solutions are worked out and various options are presented.

#3 Planning & construction
Based on the results of the consultation, a tailor-made facade concept is created and all necessary details for the actual planning itself are worked out.

#4 Development of the substructure
Depending on your ideas, project-specific substructures are designed to meet the requirements of a sustainable and economical building shell.

#5 Detail planning
Rieder compiles all essential details for the project.

#6 Logistics concept
Precise concepts are created, from the delivery to the specific assembly.

#7 Calculation
On the basis of the data obtained, an offer is drawn up to give the client an idea of the costs involved.

#8 Presentation
The final comprehensive solution proposal for the building envelope is presented and discussed together.

RIEDER

PRODUCT RANGE

Facades made of fibreC glassfibre reinforced concrete
concrete skin | öko skin | formparts

Office & production building | Spießberger Bau
concrete skin in polar white with ferro

concrete skin

authentic

Large-format panels

The stable panels, only 13 mm thick, open up a wide scope for the realisation of ideas. Literally like a skin, concrete skin stretches smoothly over buildings and, in combination with formparts, over corners and edges. This creates a unique flow of material.

Colours > all
Surfaces > all
Textures > all
Fastening > visible & concealed

ös

öko skin

vivid

Facade slats

With öko skin, Rieder offers slatted concrete facades. The various surface design options create a vibrant play of colours. The slats can be installed with little effort and unlike wood, never need to be painted or sanded.

Colours > all
Surfaces > all
Textures > standard & vintage
Fastening > visible & concealed

Living in Eelderwolde | Been Boon Architects
öko skin in silvergrey with ferro light | ferro

fp

formparts

monolithic

formparts.fab

formparts.fab are sharp-edged elements and are assembled from several parts. The large unwinding width means that several different formed parts can be combined with each other. Various surfaces and textures are available, which can be individually combined with each other.

Colours > all
Surfaces > all
Textures > all (excl. glossy)
Fastening > visible & concealed

Lichtfabrik | Bollinger+Fehlig Architects, Stoeckert Architects
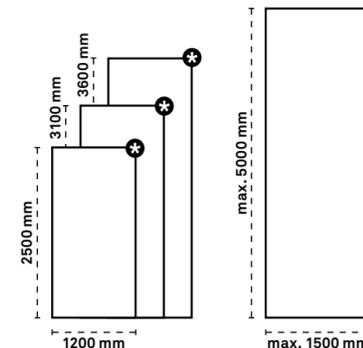formparts.fab in ivory with ferro

formparts.mono

formparts.mono are manufactured from one panel using folding moulds. The curved elements are custom-made and are available with L- or U-cross section, as round arches and special shapes.
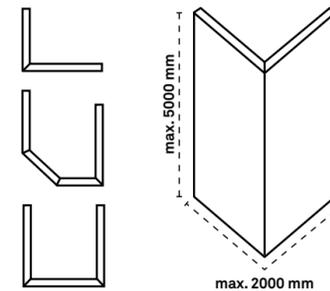
Colours > all
Surfaces > ferro light & ferro
Textures > standard
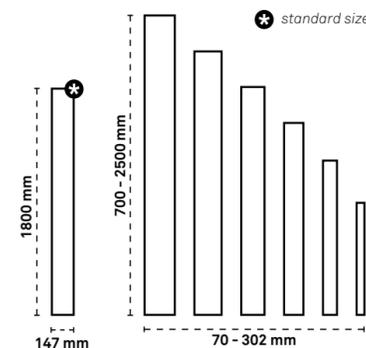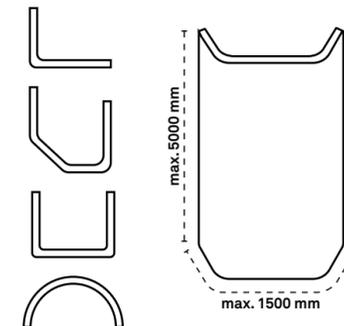Fastening > visible & concealed

Technical details

★ standard size

concrete skin
3100 mm
3600 mm
2500 mm
1200 mm
max. 5000 mm
max. 1500 mm

öko skin
1800 mm
700 - 2500 mm
147 mm
70 - 302 mm

formparts.fab
max. 5000 mm
max. 2000 mm

formparts.mono
max. 5000 mm
max. 1500 mm

Colour collections

greyscale	pietra	bricky	timber
polar white	cotton	coralline	larch
off-white	vanilla	terracotta	oak
ivory	sahara	oxide red	walnut
silvergrey	sandstone	burgundy	ebony
chrome	almond	merlot	terra
anthracite			
liquid black			

Surfaces

matt
matt or brushed surface

ferro light
lightly blasted surface

ferro
blasted surface

Textures

slate

All textures are on www.rieder.cc/textures