

YOU HAVE YOUR IDEAS. WE HAVE THE BRICK FOR IT.

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# FORMFREI

BRICK-DESIGN® by Röben

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**Röben**  
TONBAUSTOFFE



BUENOS AIRES

beautifully

DUBLIN

# BRUG

FRIESLAND

BRICK-DESIGN® by Röben



Full of character, original, laid-back, lively, unique, multifaceted, resilient, special, authentic – with characteristics such as these, growing numbers of prominent architects from around the world are discovering classic and simple bricks with their natural, rustic charm as the ‘real’ material for their ideas. Using sophisticated manufacturing techniques, Röben rediscovers the artistry and natural characteristics of the brick and enriches architecture with a seemingly inexhaustible variety of textures, colours and shades. BRICK-DESIGN® opens up entirely new possibilities in brick architecture for architects.

# G E E D

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**FREIFORM (please turn over)**

“I could go on all day about what we have already done to turn architectural ideas into reality. We’ve programmed robots to handle the bricks roughly, had the kilns fire unevenly, got old brushes and belts out of the crate again and so on. You have to do something special for special ideas.”



HANS-JÜRGEN RESKE,  
Röben Plant Manager Querenstede





LOS ANGELES

# C H A

If you appreciate a material that can hold its own with the same enviable ease in a 500-year old castle in England, a 50-year-old warehouse building in New York and an ultra-modern high-rise in Berlin.

W E  
H A V E  
T H E  
B R I C K  
F O R  
T H A T .

BRICK-DESIGN® by Röben

0150



The city can be pretty wild. Raw, authentic, rustic – The bricks are full of living history when you look at them closely. Each and every one are originals with all their rough corners and edges. From a distance they have a pleasantly shimmering appearance. The façade casually adopts the spiritual form of its surroundings, assuming its nuances. The building is new, yet it looks as though it has always been there. We are transported into a place of legendary urbanity. The docks of New York. The clatter of old air conditioning units. Life moves on, the bricks remain.

# R A C T E R

C A P E T O W N

B R U G E S



MELBOURNE

COPENHAGEN

E N

BRICK-DESIGN® by Röben





Fascinating how perfectly the temperament of the naturally vibrant brick unites with the clear, often severe designs used in modern, urban architecture. Its expressiveness makes the façade the perfect interface with the city. As unconcerned as one can only be when one is strong enough to be unobtrusive. If you are not a copy of another, but simply oneself. If architecture wants not to create distance but rather be as vibrant as the life within itself and its surroundings.

# E R G Y

B E R L I N

---

If you are searching for the perfect material to contrast with a cool design.

W E  
H A V E  
T H E  
B R I C K  
F O R  
T H A T .



---

If you represent architecture that through expression, warmth and strong personal nuances creates an oasis of calm in turbulent times.

W E  
H A V E  
T H E  
B R I C K  
F O R  
T H A T .

OLDENBURG

A T

PRAGUE



Warm, rough, almost textile – a brick wall acts like a restful image where haunted looks desire to linger. In our digitally minded, urban world, the thirst for the “authentic”, for true quality, does not fade away; it grows. Digital gadgets, data flows, fashions, everything pulses in a constant flux. Yet we remain what we are: We feel our way through the world, we sense quality, we search for something special and things with a unique history. Between the digital immateriality of display screens and the changing symbols and hype, the brick is ascending to become a highly prized material for a better architecture.

# M O S P H E R E

B U D A P E S T

C H I C A G O



a r t i f i c i a l l y

The colour red experiences the highest honour in Bordeaux wines

# GEN

H E A T

If you are searching for a "typical brick red" that has never been seen before.

W E  
H A V E  
T H E  
B R I C K  
F O R  
T H A T .

BRICK-DESIGN® by Röben

C O L D



S T O R M

and in bricks by Röben.

# UINER

W A T E R



C  
D  
F



O

E

A

N

T

T

U



# BRICK RED. NOT ONE BUT MANY COLOURS.

More than 40 different shades of red.  
And thousands of possibilities to create a distinctive façade.

---

R A S T S  
A I L S S  
L T T S





Slightly chamfered edges, glaze on the surface and sprinkled sand give each brick an especially authentic charm.



**BRICK-DESIGN®** by Röben



This contrast is simply wonderful: Bricks like these, strike chords within us such as we have not heard in a long time. As if individually formed by hand, the traditional manufacturing process translates into modern production technology. Each one is a beautifully unique individual with a pronounced rustic look.

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“I have been working as a brickmaker for nearly 40 years. And I still find it fascinating to see what water, air and fire can make out of a pile of clay. This rich diversity is quite amazing.”

**HANS-JÜRGEN RESKE**  
Plant Manager Querenstede





Experience a grey miracle with bricks full of character.

# FEFE

BRICK-DESIGN® by Röben

BEARSKIN

MAMMOTH



e s p e c i a l l y

# R C E

If you want a powerful signature for your building, with unique shades of grey far removed from the usual grey.

W E  
H A V E  
T H E  
B R I C K  
F O R  
T H A T .

FLINT





**G** **R** **E** **Y** **M**  
**S** **H** **A** **D** **E** **S**  
**V** **A** **R** **I** **A**



# ELEGANT AND VIBRANT AT THE SAME TIME.

From the blackest black to the brightest white:  
At Röben, there are more shades possible  
than exist between heaven and earth.

O S A I C  
O F B L A C K  
T I O N S







White firing clays are fired at high temperatures until sintering begins, that is, until the ceramic material has completely cemented together. So, the whitest and the blackest have something in common: They will still look as elegant and pure in future years as they do on the first day.



With shimmering hues of near white to deep black, highly individual compositions for façade textures can be composed. Depending on whether the mood should be solemnly soothing, elegantly restrained or playfully rich in contrasts, the composition allows a wealth of hues usually only perceived on closer inspection or bold shades that literally leap into the observer's sight.

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"Whether the brick should now have more of a cold, blue cast or a warm, red cast – it doesn't matter. We'll manage it. We've been in business long enough to know how."

**HANS-JÜRGEN RESKE**  
Plant Manager Querenstede





S N O W

n a t u r a l l y

An infinite number of shades in one brick.

P E R F E C T

G E Y S E R

L A V A

BRICK-DESIGN® by Röben



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If you would like to create a sovereign  
piece of home in the most exciting cities.

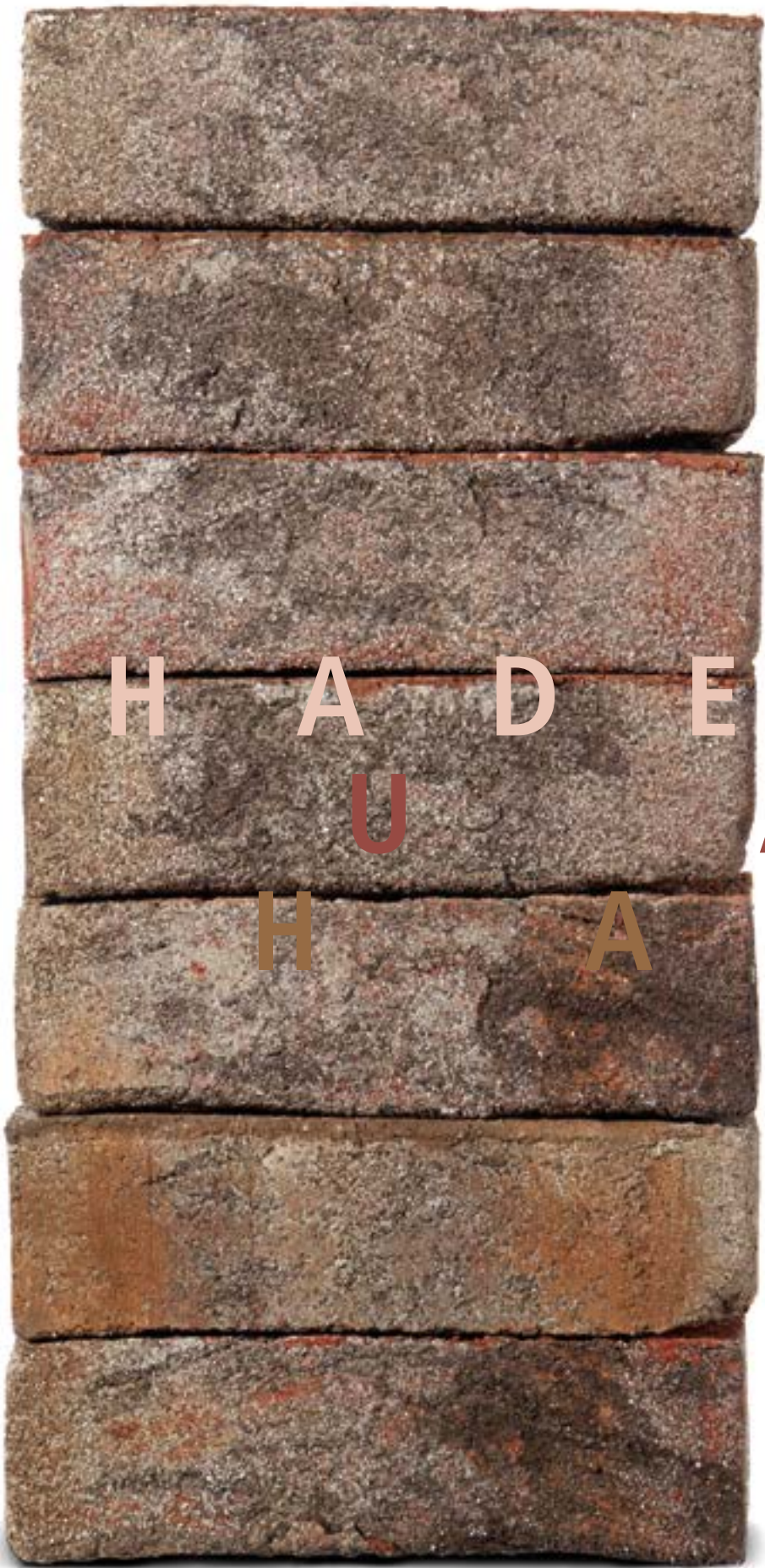
W E  
H A V E  
T H E  
B R I C K  
F O R  
T H A T .

Like a gift of nature.

# THE COTT

H A I L





S H A D E S  
N U A  
C H A N



# AS RICHLY NUANCED AS THE SURROUNDINGS.

Bright red highlights, dark red sandy variants, black and brown fired colours, almost metallic shades of beige – a single brick can unite a world within itself.

---

O F C L A Y  
N C E S  
G I N G







Even with coloured-white bricks and respective sorting grades incredible highlights can be created in a façade.

**BRICK-DESIGN®** by Röben



To revive the original rustic spirit of a brick façade, Röben has it all. An opulent, harmonious richness of colour as found only in nature, meets modern production techniques that also allow especially rough or sandy highlights, deep black fired colours and even traces of metallic hues or fog white. And in such a manner that each individual brick differs from the others in terms of surface, shape and interplay of colours.

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“Special additions during the production process release very different reactions in the kiln. Crazy fiery images or barely visible shadows then appear on the brick. Or bright accents in a variety of colours. This can be controlled. Or it can be left to chance. Whatever you want.”

**HANS-JÜRGEN RESKE**  
Plant Manager Querenstede





---

If elegant black should also be highlighted in the outside masonry in addition to the property sector.

W E  
H A V E  
T H E  
B R I C K  
F O R  
T H A T .

AVANTGARDE

# ELEG

PROTEST



amazingly

The desire for all colours, embodied in one brick.

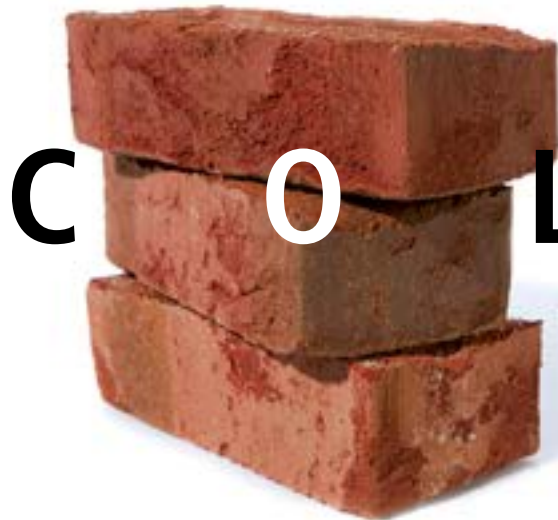
ANIT



Hundreds of colours of red, beige, grey.

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From off-white to earthy brown-beige:  
**shades of beige.**



# C O L O U R

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From the most vibrant of reds to the deepest blue-brown:  
**shades of red.**







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From the whitest white to the blackest black:  
shades of grey.

**W O R L D S**



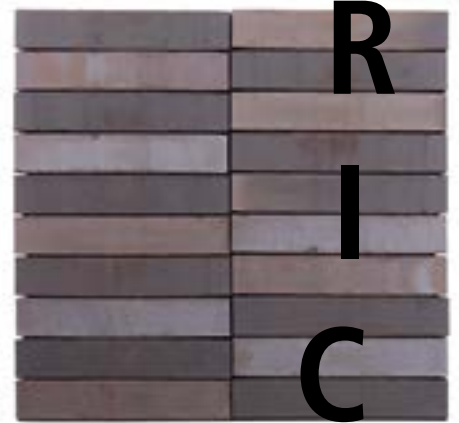




**S  
B  
R**



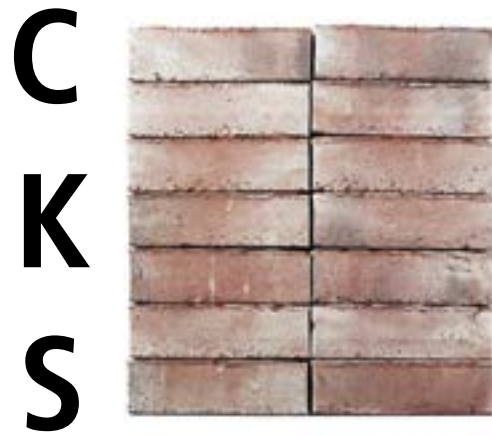
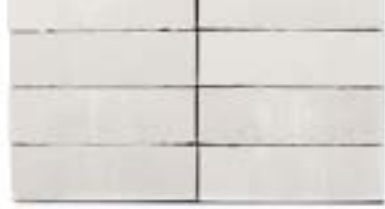
**B  
R  
I**



**R  
I  
C**









perfectly

If you let them, machines make mistakes. Beautiful ones even.

IMPERFECT

---

A brick with traces of its manufacturing process written into it. Beautiful is made randomly and accurately.

W E  
H A V E  
T H E  
B R I C K  
F O R  
T H A T .

SABOTAGE

BRICK-DESIGN® by Röben



# REFLECT

MANIPULATION

MAN - MACHINE



# ESCH.SINTZEL ARCHITECTS, ZURICH



The residential development Brunnmatt East in Bern/Switzerland with brick façade, designed and realised by the architectural office of ESCH. SINTZEL, Zurich, was awarded the prestigious Swiss Architecture Award "Hase in Gold (Rabbit in Gold)" for architecture. In the search for a façade material particularly suited to the surrounding area, the architects Philip Esch and Stephan Sintzel collaborated with Röben in developing a very unique brick which clearly bears the traces of its manufacture.



After graduating from the ETH Zurich University, Philip Esch (born 1968) and Stephan Sintzel (born 1970) worked in various architectural offices. They founded the Esch. Sintzel Architects Office in 2008 and now employ 13 members of staff.

Philip Esch also worked as an editor at "werk, bauen + wohnen" and taught at the University of Lucerne after completing various courses, including the CEPT in Ahmedabad/India.

After training as a draughtsman specialising in structural engineering, Stephan Sintzel began studying at the technical school in Winterthur, continuing at the ETH Zurich, which included a semester as a visiting student at Columbia University in New York.



Extensive video material on Esch.Sintzel and other architects on the Röben YouTube channel:  
[www.youtube.com/user/RoebenKlinker](http://www.youtube.com/user/RoebenKlinker)



“The key factors here were, on the one hand, a bright colour suited to the district, on the other, the brick should show a hint of the production process.”

PHILIP ESCH  
Esch.Sintzel Architects

# A WORD. ARCHITECTS ON BRICK-DESIGN®

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Inspired by the typical Bern sandstone of the surroundings, the architects chose the colour and nature of the brick. The brick's deliberate 'flaws', created with such sophistication, makes it a homage to sandstone. This idea was continued into the grouting, its colour adapted to the light shade of the brick and the mortar merely levelled, not compressed. The Röben Planning Service was involved early in the process and was, therefore, able to help in the design and structural analysis of the façade in a significant way.

“To emphasize the craftsmanship aspect of the stone, we permitted 'flaws' that no longer occur in modern production practices. For example: Pre-cut parts using thicker wires, extra rough handling of the bricks while stacking before firing, kilns unevenly fired with shifted temperature settings, use of rejected assembly lines.”

HANS-JÜRGEN RESKE  
Plant Manager Querenstede





**MARC KOEHLER,  
MARC KOEHLER ARCHITECTS,  
AMSTERDAM**

“For us, BRICK-DESIGN® is high definition architecture. Every detail can be designed with extreme precision.”



**AMSTERDAM, JET BLACK RESIDENTIAL  
PREMISES FLOODED WITH LIGHT**

With its distinctive shape and jet black brick-work façade, the compact flat-roof building by “Haus IJburg” clearly stands out from its surroundings. The local architect, Marc Koehler, designed the house in the new Amsterdam district of IJburg for a family of three.

Koehler studied in Amsterdam, Lisbon and Delft and then worked for a time in an architect’s office until he established his own. The IJburg house was one of his first projects and has been awarded and nominated for architectural awards numerous times.



Extensive video material on Marc Koehler and other architects on the Röben YouTube channel:  
[www.youtube.com/user/RoebenKlinker](http://www.youtube.com/user/RoebenKlinker)



# A R C H I T

**DANIEL SPRENG,  
SPRENG + PARTNER ARCHITEKTEN AG,  
BERN**

“During the ageing process, natural discolourations occur in the stock and which cannot be repeated. We embrace this and still bring forth something new.”



**BERN, UNIVERSITY OF EDUCATION  
INSTITUTE BUILDING**

Daniel Spreng realised a new university centre for the canton of Bern on the former production site of Roll AG in Bern. A compact four-storey institute building has recently been completed – with a brick façade designed by Röben to withstand an earthquake. Before Daniel Spreng founded the architectural office of Spreng + Partner Architekten AG in 1977, he graduated from the Bern University of Applied Sciences for Architecture, Wood and Civil Engineering. A clear materiality and serenity pervades his projects, his residential development “La Pergola” has been called one of the “100 pearls of Swiss architecture” by the architecture critic Köbi Gantenbein.

In 2009, the “Sprengstoff” publication wrote about the work of the Bernese architects.



**JIM CLEMES,  
ATELIER D'ARCHITECTURE  
ET DE DESIGN JIM CLEMES,  
ESCH-SUR-ALZETTE**

“As far as I’m concerned, brick is an obvious choice for a building that needs to age exceedingly well.”

**LUXEMBOURG CAMPUS CAPELLEN**

For Jim Clemens, there were several good reasons for choosing brick as a primary building material for a school campus. One of them is historical: The construction area in Capellen lies on an ancient Roman road and close to where the remains of old brick kilns for brick making were discovered.

Jim Clemens initially studied in the US and France and then returned to Luxembourg. He founded the Atelier d'Architecture et de Design there in 1984. He started as a one-man operation but now, Jim Clemens employs around 60 people. In 2009, his long-time colleague Ingbert Schilz became his partner.

The office realises major projects in areas of education, employment and health, both nationally and internationally – partly in collaboration with prominent experts and artists from all over Europe. The office’s main objective is to meet the wishes, needs and planning designs of the customers.



Extensive video material on Jim Clemens and other architects on the Röben YouTube channel:  
[www.youtube.com/user/RoebenKlinker](http://www.youtube.com/user/RoebenKlinker)

**E C T U R E**



Extensive video material on Daniel Spreng and other architects on the Röben YouTube channel:  
[www.youtube.com/user/RoebenKlinker](http://www.youtube.com/user/RoebenKlinker)





T H R O W

d i v i n e

A gift of nature.

# MATE

T A P



---


If your ideas for a better architecture have a lot to do with solidity, durability, ageing ability and ecology.

W E  
H A V E  
T H E  
B R I C K  
F O R  
T H A T .

# ERIAL

MOULD





The colour of every brick still originates naturally. The characteristic colour of the fired clay is solely down to its composition.



# FOR THOUSANDS OF YEARS

Earth, water, fire, air have continually played a major role in brick making. Clay is made malleable with water, pressed into green bricks, slowly dried by the warm air and subsequently hard-fired in fire. At Röben, many other elementary things also have a role to play.

---

## **"HAND-SHAPING"**

Today, the traditional hand-shaping process has been "translated" into modern production techniques. Nevertheless, a wet slug of clay is still pressed into a moulding box in almost the same way as in the past, then levelled and knocked out upside down onto a sheet of metal. This is the only way to produce the rustic grain patterns visible on the surface of the brick.





### NATURALLY OCCURRING

Clay is a natural raw material, formed by weathering of different rocks in the course of the Earth's history. Often deposited in ancient lakes or primordial seas, they dried out over time and were covered by vegetation. Nowadays, clay is mainly surfaced mined from clay pits. These are subsequently restored to their natural state, giving rise to new habitats for flora and fauna. Man also benefits from this since local recreational areas are often created.



### CHARACTERISTICS AND COMPOSITION

Clay is a phyllosilicate. Water can be stored between the layers, giving the material its typical plasticity (malleability).



A ceramic brick is composed of much more than just clay. It also contains feldspars, quartz and other material which give the mass its plasticity.



It is the firing process that gives a brick its typical characteristics such as low porosity, low water absorption and good frost resistance, making a façade much more weatherproof and easier to clean than other building materials.

B O X F  
A G E I N G  
P R

### BUILDING MATERIAL

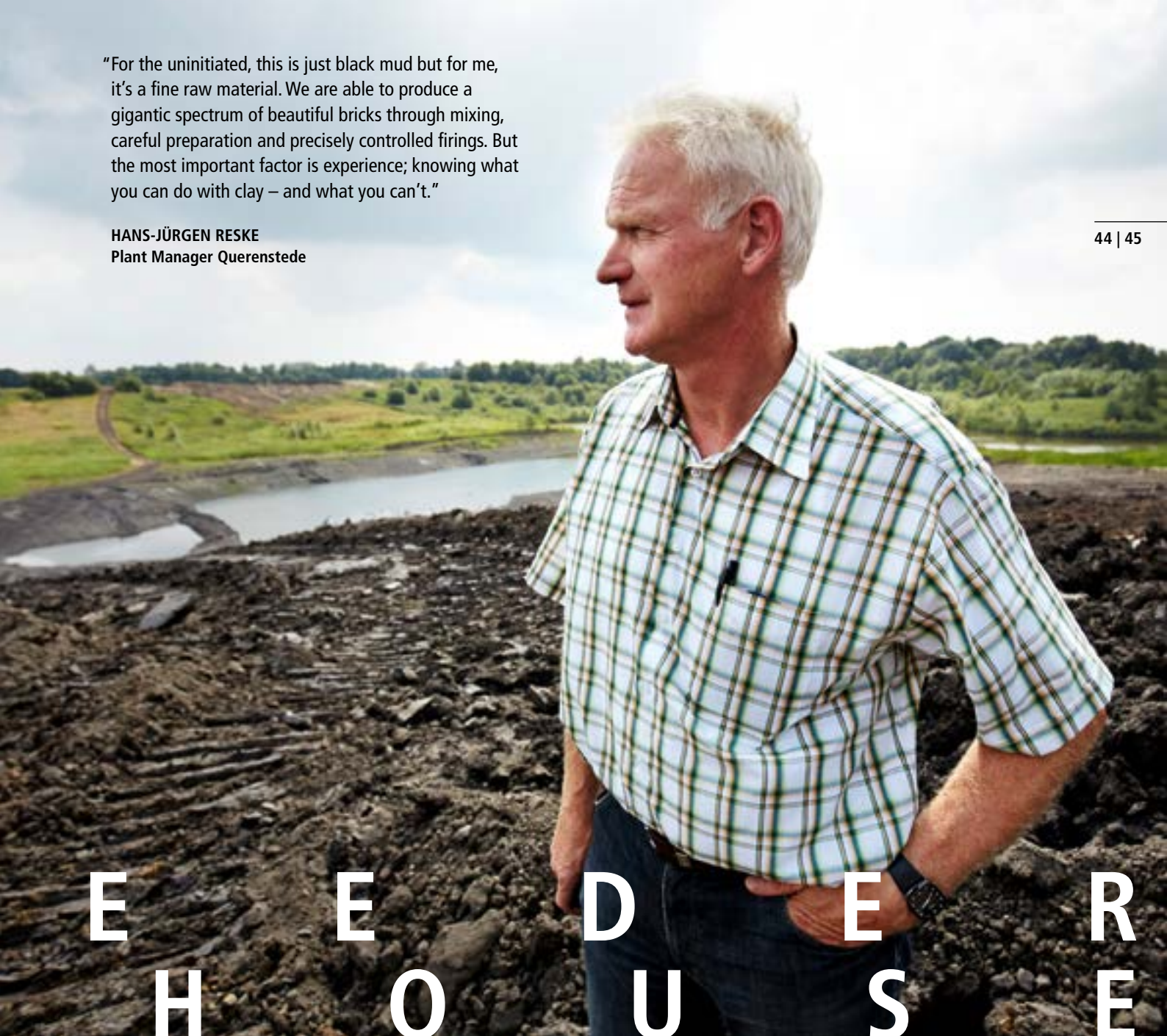
Man's pursuit in realising buildings in a cleaner, easier and faster way, led to standardisation of the geometric shape of the clay slug thrown into a mould which corresponds to our regular format. These roughly shaped, air-dried blocks of clay are the prototype of today's brick. The composition of the ceramic mass has been continually refined over the course of time. Quality is constantly checked in our laboratories, guaranteeing a steady, high quality.





"For the uninitiated, this is just black mud but for me, it's a fine raw material. We are able to produce a gigantic spectrum of beautiful bricks through mixing, careful preparation and precisely controlled firings. But the most important factor is experience; knowing what you can do with clay – and what you can't."

**HANS-JÜRGEN RESKE**  
Plant Manager Querenstede



# E E D E R H O U S E S E S S

## THE HAND-MOULDED FACING BRICK

Röben hand-moulded facing bricks are perfect for individualists. They are manufactured piece for piece according to an old, traditional process, adapted to suit the methods of modern production technology.

Each brick is a beautifully unique individual with a pronounced rustic look. Perfect for homes with a strong personal touch, even in modern architecture.





## SANDING

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Röben uses specific sand components to create surface effects and quality **characteristics**.



**SEPARATOR SAND**  
Separator sand prevents strip tiles from sticking together during production.



**DECORATIVE SAND**  
Coloured decorative sand creates rough surfaces in different shades.

# M A T E

## CLAY

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Clay isn't just clay. There are a variety of different **clay components** for processing the mass.



Extensive video material on brick making on the Röben YouTube channel:  
[www.youtube.com/user/RoebenKlinker](https://www.youtube.com/user/RoebenKlinker)



Milled raw clay for mass production



Ready prepared, white-firing clay mass



White-firing raw clay for bricks, strip tiles, paving



As mentioned, it is the mix that makes the difference. The elementary components of brick have been the same for centuries. Röben combines these elements with 150 years of experience in the production of bricks and with a passion for the aesthetic attraction of fired clay. And this culminates to form a unique technical expertise, the courage to innovate and some of the most advanced manufacturing systems in the world.

# R I A L

## PIGMENTS, GRANULES, FIRE CLAY

Key to producing certain colour and surface effects is the fine art of **auxiliary components**.

### COLOUR PIGMENTS

Mineral colour pigments are used to produce particular shades.

**KAOLIN** is an additional component for white-firing clay masses.

### GRANULES

Coloured melt granules, effect granules and decorative granules create colourful surface effects.

### FIRE CLAY

Milled fire clay prevents "emaciation" of the clay. Red fire clay is worked into or sprinkled over the clay column to produce a granular surface.





# UNIQUE SERVICE FOR UNIQUE IDEAS. THE RÖBEN PLANNING SERVICE.

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With Röben, you will not only find the right brick for every conceivable colour and every type of surface. Our Planning Service will help you to find the best budget solutions for your project.

How can I build more economically with prefabricated parts? How should joints for movements be arranged? How are base points and intrados borders created?

The Röben Planning Service gives advice on all aspects of masonry construction, helps with tenders, designs and calculates components according to your wishes, assumes logistics up to the building site and follows construction right up to completion.

The experienced team consists largely of civil engineers who are happy to view your building plans, offer individual advice and are available for any last minute questions by phone. Wherever required, design proposals are individually drawn up based on the proposed project and submitted to you with a binding estimate and tender documents.

+49 44 52 88-123  
info@brick-design.com  
www.brick-design.com



# BRICK-DESIGN® by Röben

## Röben Tonbaustoffe GmbH

Klein Schweinebrück 168

26340 Zetel

Germany

+49 44 52 88 0

info@roeben.com

www.roeben.com

www.brick-design.com

## Photo Credits

Röben Tonbaustoffe GmbH

Frank Peterschröder

KopfKunst, Agentur für Kommunikation

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### THE CLAY

Diggers extract natural clay deposits from our open cast pits, which we then use for our bricks. Experienced digger operators, a defined mixture of clays and continual analysis of the raw material in the laboratory, guarantee exactly the composition we need for our different bricks.



# I M K O N A T O L M O R L

Most of the raw material is extracted close to the brickworks, resulting in extremely short and energy-saving transport routes. Depending on the type of clay, the firing temperature and the firing atmosphere, different colours of brick can be achieved: From almost pure white to grey, yellow and red to extremely dark and, at Röben, even black bricks.







### THE FORMING AND EXTRUSION PROCESS

Once the clay has been mined from the pit, the material is sent for processing. Here, the material is reduced in size by various systems and then stored in the ageing house for ageing. A conveyor transports the mass into an extruder where – driven by the feed screw – it appears from the die as a column. The column is cut into equal pieces by parallel wires, so that several wet bricks emerge at the same time.



### THE CLINKER BRICK

Clinker bricks are bricks fired at high temperatures. Pores are closed through the sintering process, where the clay begins to melt, ensuring low water absorption. The name “clinker” comes from the noise two bricks make when knocked together. The height of the firing temperature depends on the starting material and the desired colour.



# WORLDWIDE



“Clays from the Westerwald are indisputably the best you can get in the world. And each and every day, we have to attempt to transform this into the very best in bricks – if it works, the most beautiful you can get in the world.”

**ANDREAS ANDERNACH**  
Plant Manager Bannberscheid





Mix, mix, mix: The previously comminuted and thoroughly mixed clay is pressed through the perforated plate of a circular screen feeder and subsequently mixed a second time. This largely homogenous mass ultimately reaches the brick press.



# AT 1,000 DEGREES FOR 100 PER CENT INDIVIDUALITY.

Röben has many decades of experience in developing methods that not only work before firing but also during firing and which permit distinctive effects. If the kiln is just 3 degrees warmer in a few places, variations in temperature occur, which – when used correctly – generate an interplay of colours that is even more intense.



## THE EXTRUSION PROCESS

Here, clay is extruded through a die by means of a feed screw. At the cutter, the rectangular column is trimmed with wires to the desired thickness of brick.



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Whatever inspired you in your design: Röben has the technology, the methods and the knowledge to transform your ideas into a reality. Röben works in close collaboration with you to develop methods and tools to realise your dreams – this could be custom-made building bricks, unique textures, unusual shapes or extraordinary glazes and surface effects.

# YOUR IDEAS MAKE THE BRICK.

---

*Bewegung/Chaos  
Nachtschwarz*







**A play on waves?** The black sea at night, shimmering in the moonlight, powerful, unfathomable. A surface with depth and appeal. We love these ideas and rigorously hunt out a solution for you.



**Barock?** Perhaps your next design wishes to make an overture towards something filigree, ostentatious, artistically combining elements from the exuberant past with modernism, Röben offers a princely service. With fancywork that no one in the world has seen before.



**Fish scales?** Have you just angled a project which gives rise to an idea using a rare fish scale pattern? Obviously, irregularly layered, grained and sand-covered. We do that.





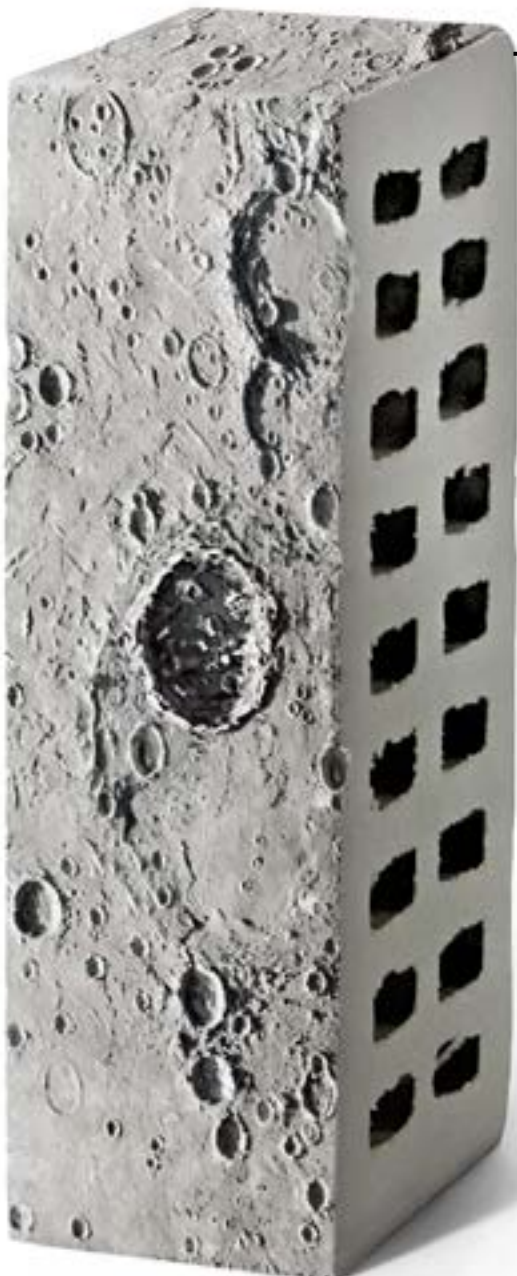


YOUR IDEAS MAKE THE BRICK –  
with the exact characteristics, scars and  
surface haptic to create a look of something  
out of this world.





Images from outer space also cast long shadows in the world of ideas of earthly architecture. When your building should look like something out of this world, the experts at Röben will do everything in their power to put your ideas into orbit and bring a perfect conclusion. **For an on-the-moon feeling.**



"There are, of course, ideas which are out of our sphere of thinking. If he needs it for his concept, we do it."

ECKART LINOW  
Head of Corporate Communications Röben

*Kraterlandschaft  
pulverisiert, weich  
→ scharfe kanten  
kalt, matt, grau*



THE BRICK-DESIGN® OF THE BUILDING WORLD

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# FROM ASSOCIATION AND POWERFUL MOMENTS

Whatever associations arouse and whatever image you wish to create to give your building an identity beyond known stereotypes – we make the brick for it.

---

*Exorbitant?*







HF 25.3.08	GV90E 26.3.08	LGVB 21.5.09	GVSEF 30.7.09
HF 25.3.08	GV90G 19.5.09	LGVB 21.5.09	GVSEF 30.7.09
HF 25.3.08	GV90G 19.5.09	LGVB 21.5.09	GVSEF 30.7.09

G0808NF 25.9.10	GV2W 23.5.08
G0808NF 27.9.10	GV2W 23.5.08
G0808NF 25.9.10	GV5W 16.8.00
GV5NF 26.6.05	GV5W 16.8.00
GV908HF 26.9.09	
GV908HF 26.9.09	

G1407NF 26.06.2011	G0805NF 26.12.2010	GV10NFW 9.11.06
G1407NF 26.06.2011	GV8NF 18.11.09	GV10NFW 9.11.06
	GV8NF 6.11.09	GV4NFW 8.10.06
	GV8NF 06.11.09	

YOUR IDEAS MAKE THE BRICK –  
and we experiment until we have found the perfect recipe for your colour requirements.

GV5NF 26.6.09	GVSE 1.8.09	GV5NFW 15.7.2000
GV5NF 30.7.09	GV5 30.07.09	GV5NFW 15.7.2000
GV5NF 30.7.09	GV5 30.07.09	GV9NFW 8.10.06

EG21T 21.03.03	EG2706 15.12.2010
EG21 2.9.04	EG2706 15.12.2010
EG21T 21.03.03	EG20 13.9.00
EG20E 22.3.07	EG20 22.3.07



When an architect goes on a journey, inspirational moments arise. For example, you could be so impressed by the iridescence of the Margerie Glacier in Alaska that you would like to have this symphony of greys played out on a façade. You will see: every shade of grey you have ever seen between heaven and earth can be realised by Röben. For a distinctive building with your own personal **Glacier Grey**.



"The potential of the brick lies within the raw material clay."

ECKART LINOW  
Head of Corporate Communications Röben



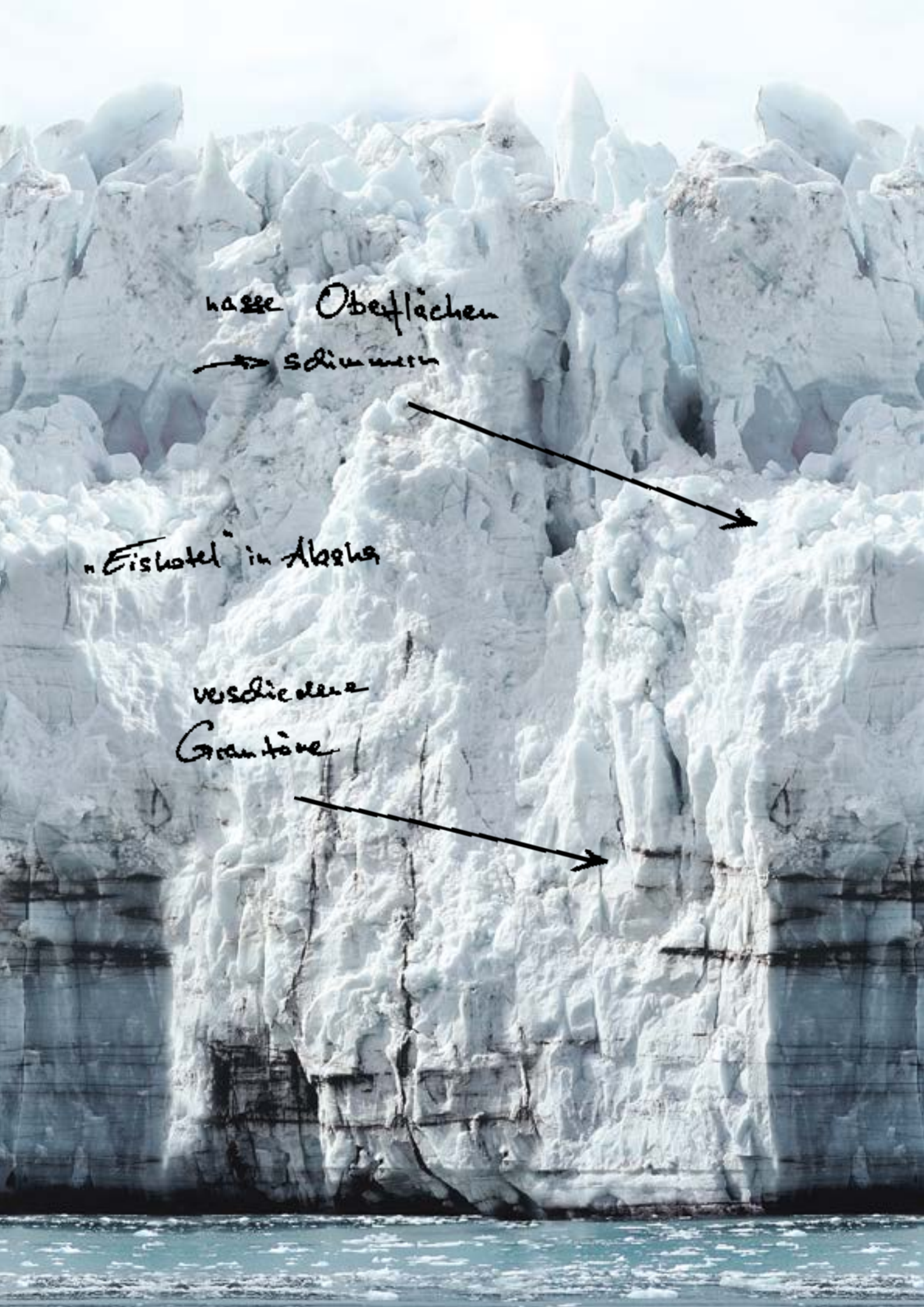


nasse Oberflächen

→ Schmelzen

"Eishotel" in Alaska

verschiedene  
Granitäre





*gletschergarten*

THE BRICK-DESIGN® OF THE COLOUR WORLDS

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**WHEN COLOUR  
TYPOLOGY REALLY  
SHOULD OVERWHELM.**

Whatever colours and shades inspire you to –  
we make the brick for it.

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WHEN THE WORKBENCH PLAYS THE LEADING ROLE.

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The rollers for embossing the scale pattern into the clay column were made the good old-fashioned way, by hand on a traditional workbench.



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The accuracy of the croc roller is checked using a plaster cast.





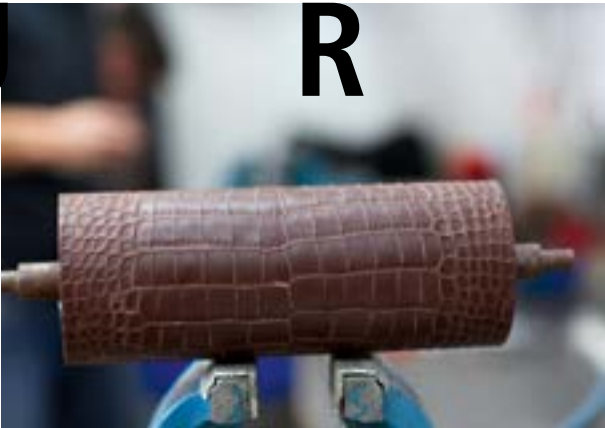
## MAKING OF

The crocodile brick translates the visual and tactile attraction of leather skin into a brick wall, an extreme example of individual brick architecture. Special types of rollers are created by hand on a classic workbench and serve as the basis.

So-called "texturing rollers" were used to emboss the texture onto the soft clay column. The Hartenfels studio from Ransbach-Baumbach in Westerwald were commissioned with transferring the original crocodile leather onto the roller. Owner, Markus Hartenfels, who graduated from the University of Höhr-Grenzhausen in ceramics, created three rollers for the bricks with the crocodile leather texture: A long "stretcher roller" for the long side of the brick and two short "header rollers" for the two short end sides so that the brick can also be used as a corner brick.

The contract was an unusual one for the family-run Hartenfels studio, who specialise in constructing models and forms for the ceramics and porcelain industry. Wood and rock structure are usually used for the "texturing rollers", as well as modelling tools. This is the first time soft animal skin has been used as a template for a brick, but it is a winning one, as the crocodile leather has a powerful and characteristic grain pattern.

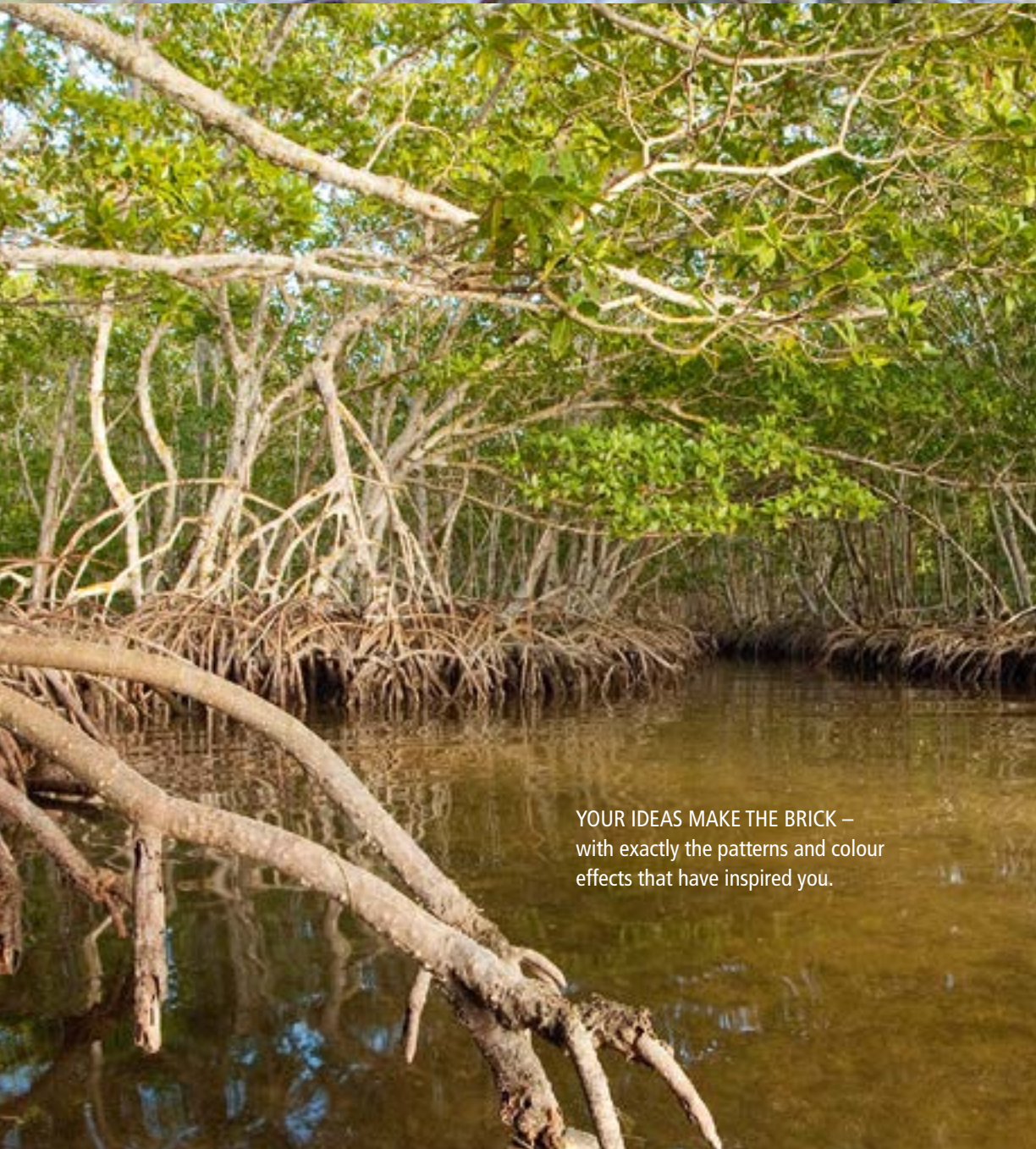
# E S A T H E R S A T I O N U R I N G



The characteristic croc relief of a finished "stretcher roller".



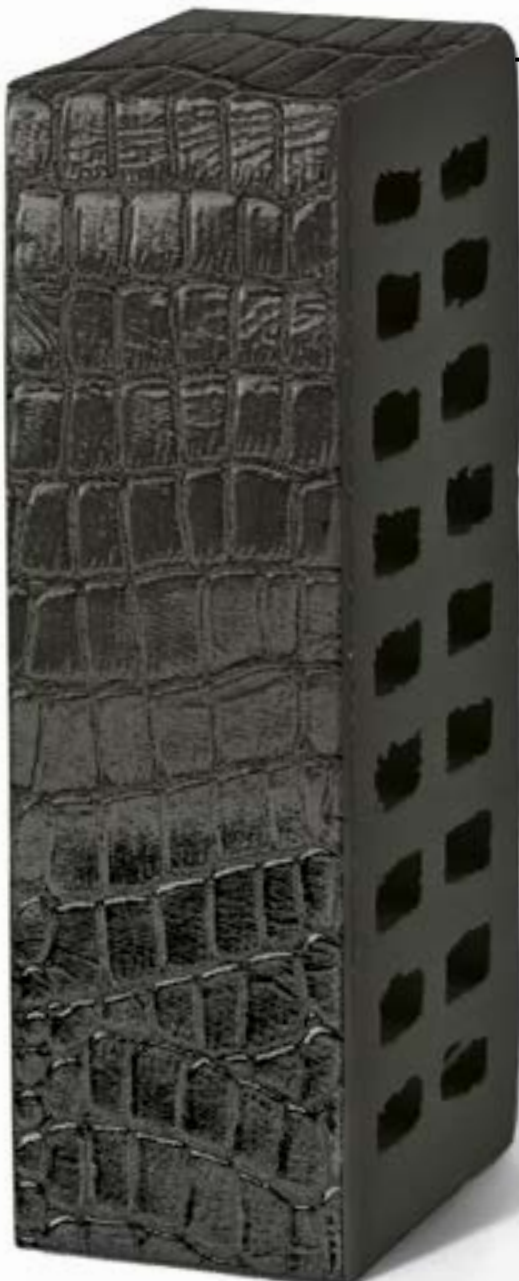




YOUR IDEAS MAKE THE BRICK –  
with exactly the patterns and colour  
effects that have inspired you.



Let's imagine you are working on a design for the flagship store of a particularly high-end fashion brand. The crocodile image or the sight of one of the exclusive handbags gives you inspiration for a truly extravagant façade concept. Working closely with Röben will let you realise: There are actually no surfaces that BRICK-DESIGN® cannot turn into a reality. And at the end of the day, the architectural world, **experiences the birth of the crocodile brick.**



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"The black of the brick is so captivating it heightens a desire to behold its surface and – as with leather – the yearning to touch."

MICHAEL KASISKE  
Bauwelt







- Schuppen

- Tiefen / Höhlen

- Flächen

→ perfekte Symmetrie

⇒ Krokodil -  
Tasche!



# WHEN THE EFFECT CAN'T BE EXOTIC ENOUGH.

Whatever structures may have inspired you, whatever effect you may wish to leave behind – we make the brick for it.



Red Dot Design Award  
Winner 2013  
Communication Design



German Design Award 2014  
Communication Tools  
Special Mention



Deutscher Designer Club  
Good Design 13 Award  
Marketing Communication

Krokod



VISION

radically •

artist

INSPIRATION

BRICK-DESIGN® by Röben



Although Röben's diverse range of bricks already offer almost unlimited design options, the basic concept behind BRICK-DESIGN® goes one revolutionary step further. It is the most radical principle that architects could ever use in designing a brick façade. Summed up into one sentence, it means: Your ideas make the brick! This means you do not choose from a "catalogue" of bricks the one that comes closest to your idea. No, it's your idea – perhaps still a little vague at the moment – that gives the initial impetus for the later brick and which we will develop together. As extraordinary as your idea may be: We make the brick for it. For completely "new" creative and constructive scope in brick architecture.

# idea

I D E A

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## FORMFREI (please turn over)

As far as we're concerned, BRICK-DESIGN® according to the 'won't work-not possible principle' means: You cannot expect an architect to just come up with a certain idea. You have to constantly research, experiment and look for new techniques. Of course, there are a lot of failed attempts in the process. Because this is the only way we can work with architects in finding the perfect solution."



ANDREAS ANDERNACH  
Plant Manager Bannberscheid





YOU HAVE THE IDEA. WE MAKE THE BRICK FOR IT.

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# FREIFORM

BRICK-DESIGN® by Röben

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*Krokod*

  
TONBAUSTOFFE