



SYSTEM KESS
COLOUR SCHEME
FACADE DESIGN WITH NATURAL CLAY BRICKS



BRICK COLOURS AND FACADE DESIGN

Endless design possibilities

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NATURALLY BEAUTIFUL BRICK FACADES

Facade design with added-value

A beautifully designed facade adds an air of prestige to any home or building. Colours and surfaces shape the environment. This in turn has a positive effect on the mood and sense of well-being of the people who live or work there.

Whether an idyllic single family home or an urban housing or office complex, new construction or renovation – energy efficient exterior cladding is not only beautiful, but also cost-effective.

There are many good arguments for brick insulation facades using the **System kess**: energetic, aesthetic and monetary. See for yourself!

We would like to use this brochure to demonstrate to you the unending colour and design possibilities that you can have with the **System kess**.

We only use high-quality, pure clay facing brick for the external thermal insulation composite system (ETICS) of the **System kess**.

The surface finishing varies from smooth to rough. For example, page 36 presents our Handform series. Each brick in this series is unique due to the special manufacturing method used – just like hand crafted.

Our facing brick is not just available in several attractive colours, it also comes in various sizes and brickwork bonds. In this way, we can offer you a virtually unlimited number of creative possibilities for your facade design.

Select your personal favourites from wide selection and give your house or building its own signature look.



Added value and sustainability

You will increase the value of your property with an attractive, individually designed brick facade. And with the **System kess**, you can be sure that this will be a sustainable increase.

Natural and beautiful

The **System kess** only uses facing brick made of 100% pure clay. This natural raw material gives rise to vivid colours and beautiful, easy-care surfaces.

Energy-saving and breathable

Depending on the level of Insulation you can reduce your energy costs by 40%. In addition the **System kess** will ensure sufficient air exchange preventing moisture ingress leading to elimination of mould staining.

Durable and maintenance-free

kess Brick system is more ridged than other ETICS systems ensuring a better bond to the existing surface. It is resistant to environmental influences and extremely long-lasting.

ADVANTAGES FOR CUSTOMERS AND ARCHITECTS

Facade design with added-value

Fast Track

Our system is designed to be fast. An installed insulation brick system with the **System kess** does not require the laying of a cumbersome foundation. It is impervious to weather at the job site because no mineral adhesive is used and also because no individual bricks are bonded.

Space-saving and light

The **System kess** ETICS is "lean". That's why it is especially well suited for renovation. Buildings that receive subsequent thermal insulation retain their architectural character as well as fulfil all stipulations at the same time. The **System kess** is also lighter per m² (10 to 15 kg lighter) than a bonded facade. This means approx. 2.3 tonnes less weight on the exterior wall for an average family house.

Environmentally friendly and low flammability

SBI testing according to DIN EN 13501-1: 2019-05* is used as the evaluation standard for the fire behaviour of building materials at the European level. We achieve the best result here after 'non-combustible': **B-s1,d0**** (does not melt or produce burning droplets, minimal smoke development). For reasons related to environmental protection and fire protection, we do not use any polystyrene on principle!

Solid and durable

The adhesive tensile strength of **System kess** bricks is several times higher than with individually bonded stone wool and polystyrene systems. Therefore, this also reduces the risk of fire propagation. This in turn minimises property damage. This feature has been confirmed many times in independent tests with various ETICS systems.

Safe and reliable

The **System kess** uses polyurethane as the insulating material and is thus classified as having low flammability (fire protection class B1). In combination with extraordinary adhesive tensile strength, the **System kess** is the preferred ETICS by many building contractors and public property developers. This is because the issue today is all about safety.

Certified and quality-monitored

We have been approved and monitored for quality for many years in

- **Germany** (Zulassung DIBT)
- **France** (CSTB AVIS Technique)
- **Poland** (APROBATA TECHNICZNA ITB)

In addition, the **System kess** is the only German ETICS with facing brick that has passed the LEPIR 2 major fire test.

* SBI = Single Burning Item Test

** B: very moderate fire contribution

s1: very limited amount of smoke developed

d0: no burning droplets or particles within 600 seconds

Natural, beautiful brick facades

SYSTEM KESS COLOUR SCHEME

The **System kess** uses facing bricks that are fired from natural clays.

We can only give you a "limited" overview of all the possible colours in our colour brochure.



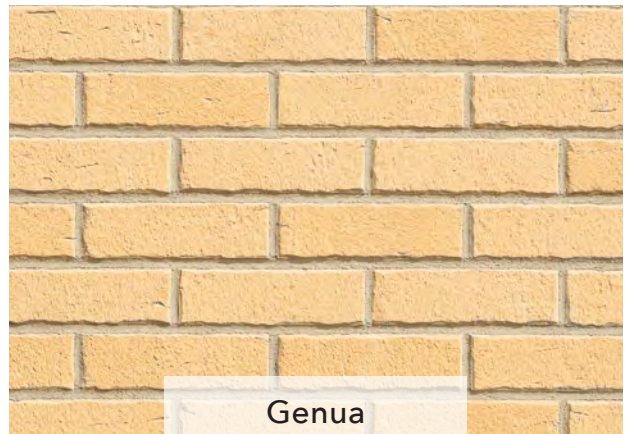


Natural, beautiful brick facades

YELLOW TO BEIGE



Granada



Genua



Göteborg



Garda



Natural, beautiful brick facades

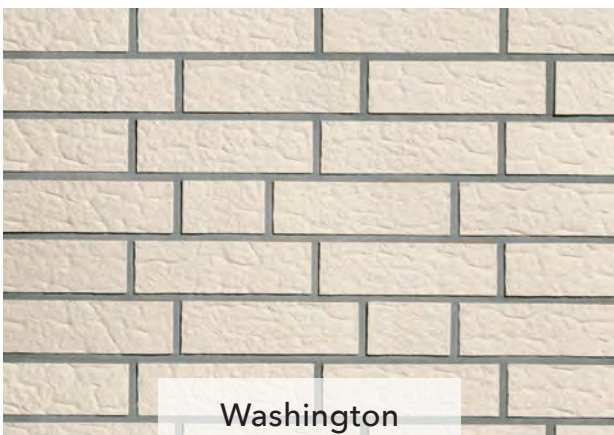
WHITE TO CREAM

Aesthetic and durable

Along with their aesthetic qualities, these bricks also exhibit an especially high level of durability because they are fired from high-quality, white firing clay from the Westerwald.

This ensures that the water absorption rate is significantly under two percent, meaning that this hard fired ceramic brick will absorb practically no moisture at all.





Natural, beautiful brick facades

WHITE TO CREAM

Aesthetic and durable

Family homes | Office complexes | Residential buildings | Commercial properties | Shopping centres



Light colours are calming and relaxing, honest and direct.

Dirt particles that settle on the surface of the brick are easily washed away the next time it rains. The white character of the facade still remains intact for decades even in high-traffic locations with high emissions.



Natural, beautiful brick facades

GREY TO DARK GREY





Natural, beautiful brick facades

GREY TO DARK GREY

Completely modern - Exquisite shades of grey

Bricks in exquisite shades of grey with smooth or rough edges are indispensable for modern architecture.

And they never get boring! A number of colour gradations are possible due to the admixture of sandy tones, white or even classic brick red - from cool, delicately nu-

anced light-grey tones to a graduated, contrasting dark grey.

Grey bricks emphasise the individual colour accents that come from the other construction materials being used. Thus you get individual designs for modern homes and buildings.



Special firing techniques enable iridescent transitions in bricks, creating vivid surfaces.



Colour accents that are brought out by other materials can be emphasised in combination with grey, ensuring a particularly beautiful look.

Natural, beautiful brick facades

GREY TO DARK GREY



Derby



Düsseldorf



Danzig



Darwin



Davos



Den Haag



Dijon



Donau



Versatile and durable architecture is highlighted by these carefully composed grey tones.

Natural, beautiful brick facades

ANTHRACITE TO BLACK

Timeless elegance or extravagant statement

Black and anthracite-coloured brick facades work their magic through their interaction between the architecture and the environment. The colours of the other materials being used are highlighted and the building style is accentuated.

A variety of dark tones can be created due to the careful mixing and firing, which gives your creativity free rein.

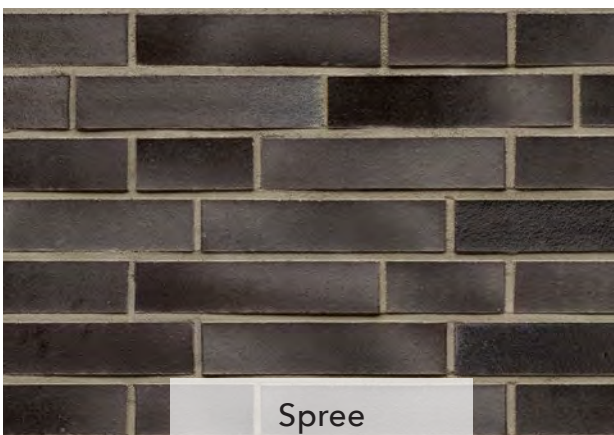




Natural, beautiful brick facades

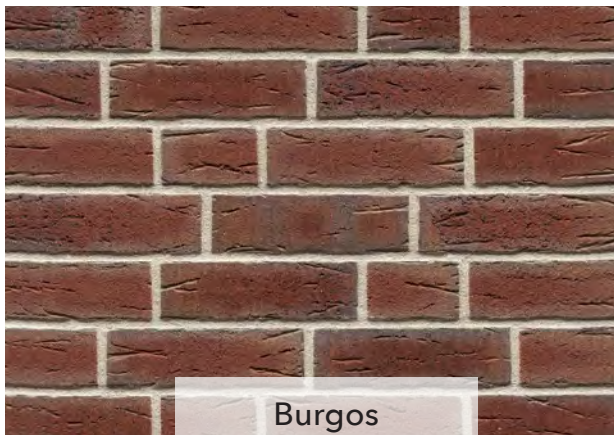
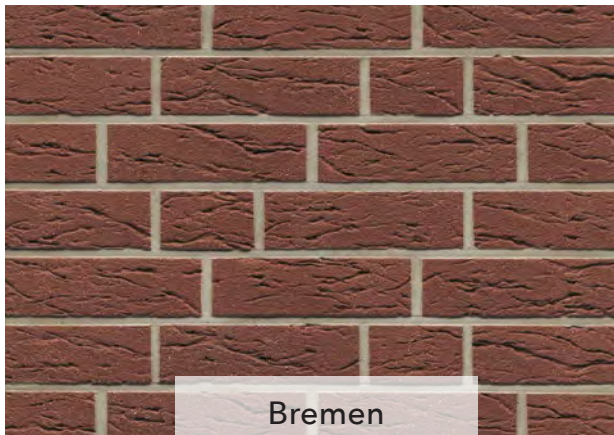
ANTHRACITE TO BLACK





Natural, beautiful brick facades

BROWN TO DARK RED



Modern architecture integrates itself perfectly into the residential environment through the use of suitable bricks, thus increasing the well-being experience for everyone.

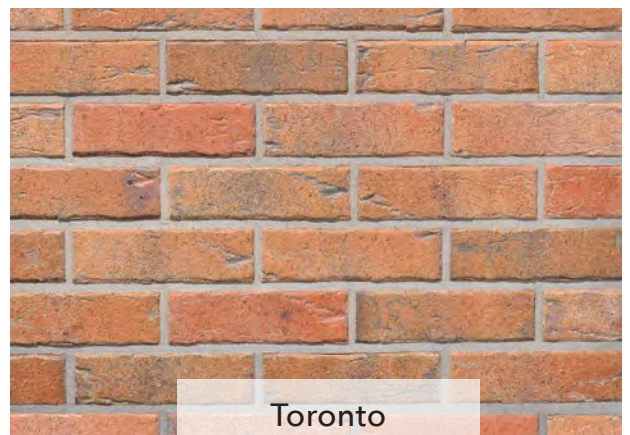
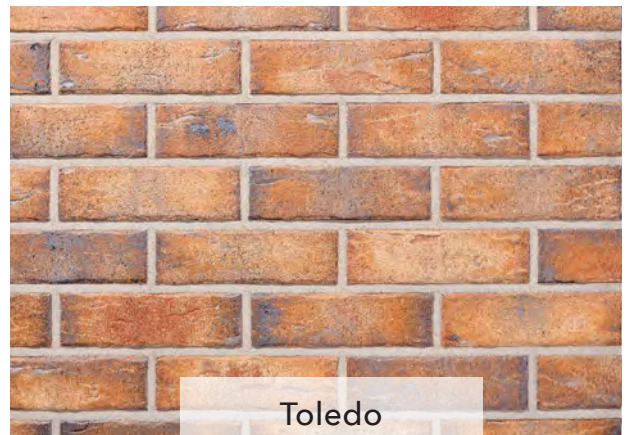


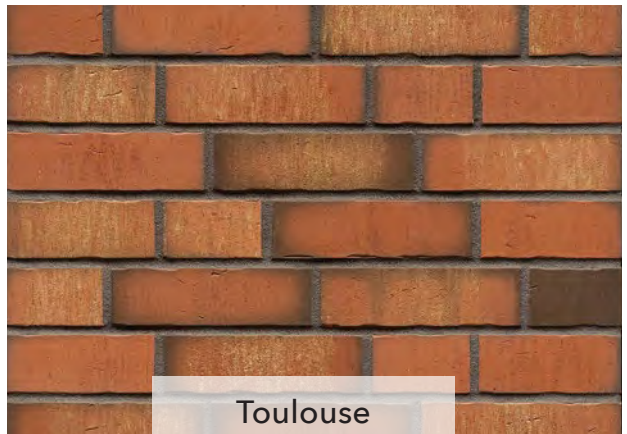
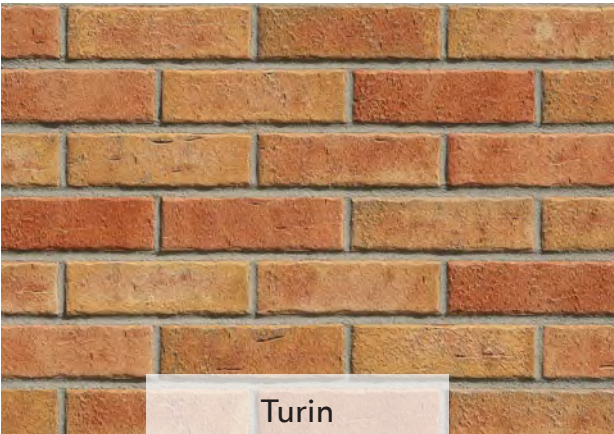
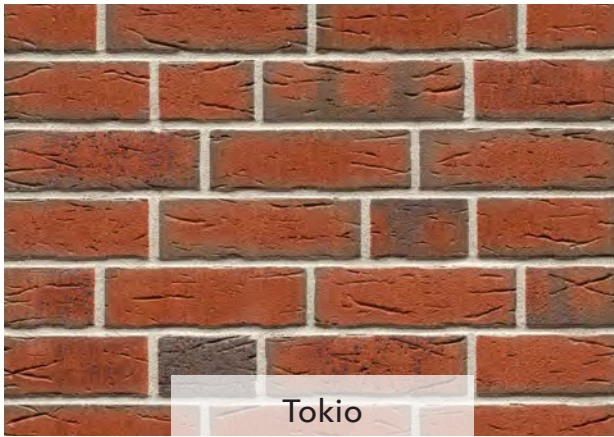
Natural, beautiful brick facades

TERRACOTTA

Classic brick tones

Conventional, red brick architecture stands for warmth and longevity. Our facing bricks in these classic terracotta colours are certainly just as exceptional. The spectrum of possibilities here range from traditional, North European red tones to light variants with a Mediterranean flair.





Natural, beautiful brick facades

RED AND BRIGHT RED

Classic brick tones

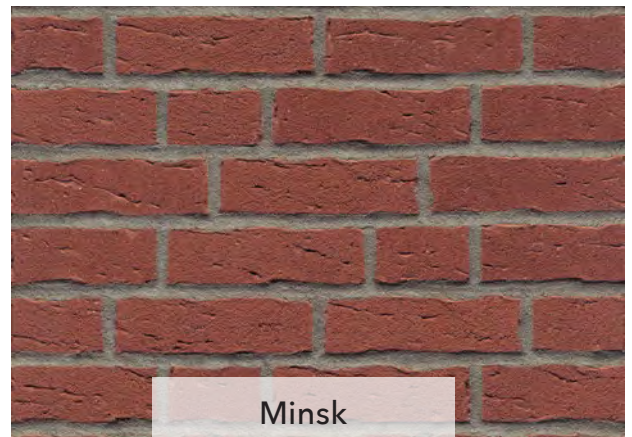




Natural, beautiful brick facades

RED AND BRIGHT RED

Modern or traditional interpretation





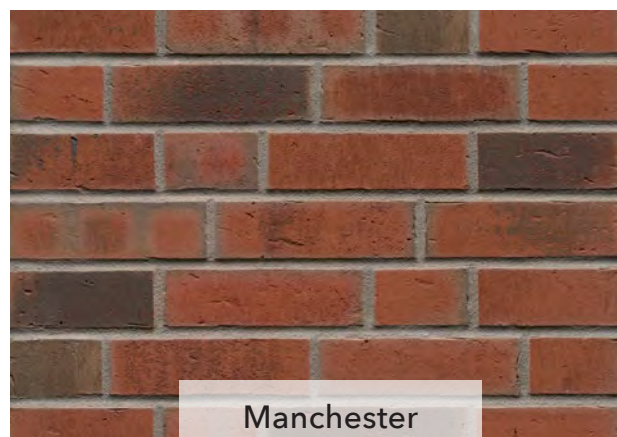
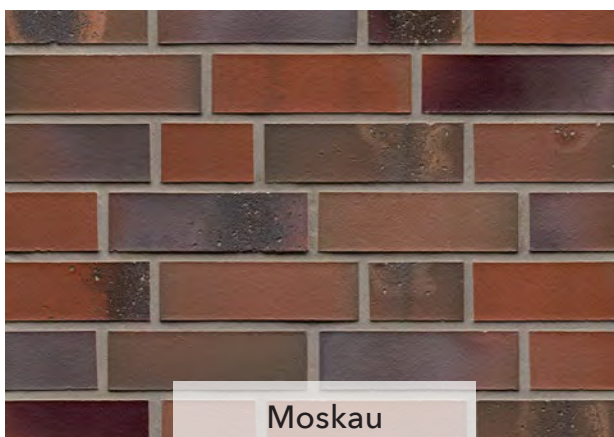
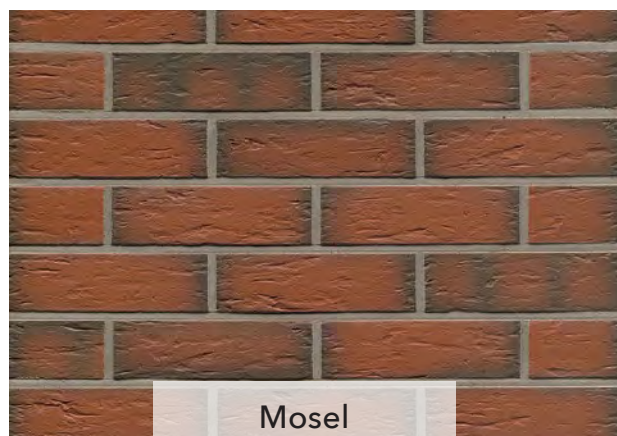
Red brick has been shaping architecture style for centuries. It is at home in many different styles and functions. From the Kremlin in Moscow, North German churches to factory buildings in North America. Its aesthetic is timeless ...



... and its variety, beauty and warmth allows every building to shine with its own specific character.

Natural, beautiful brick facades

RED AND BRIGHT RED





Natural, beautiful brick facades

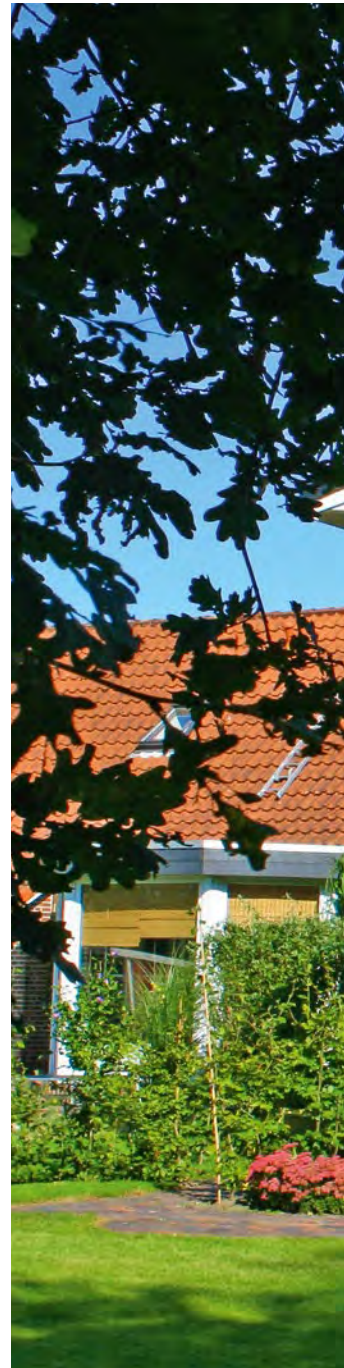
HANDFORM – UNIQUE!

Every piece is unique.

Just like handmade.

Handform bricks can't help but show off their versatility and vivid display of colour on the facade. The special surface finish determines the unique character of Handform facing brick. Each brick is a unique specimen due to the special manufacturing method used.

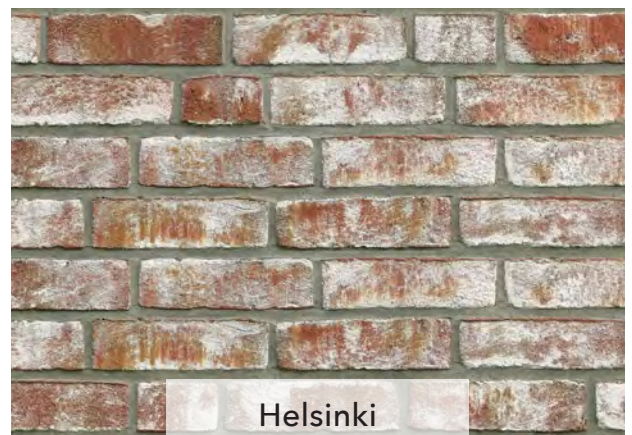
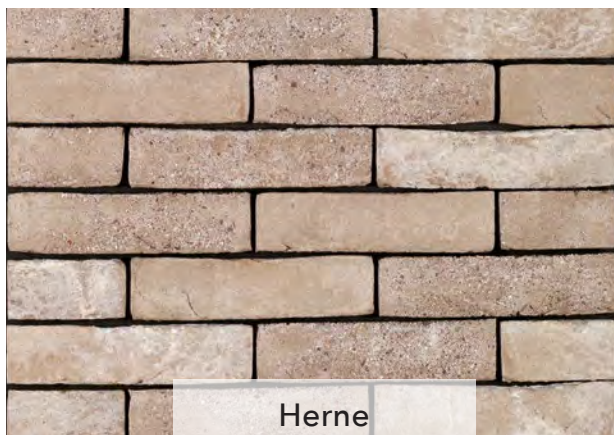
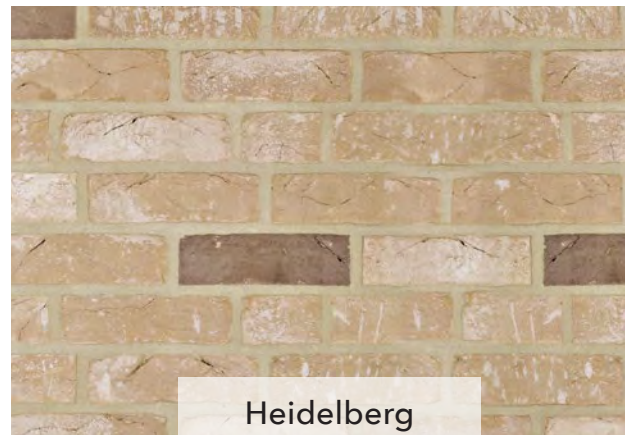
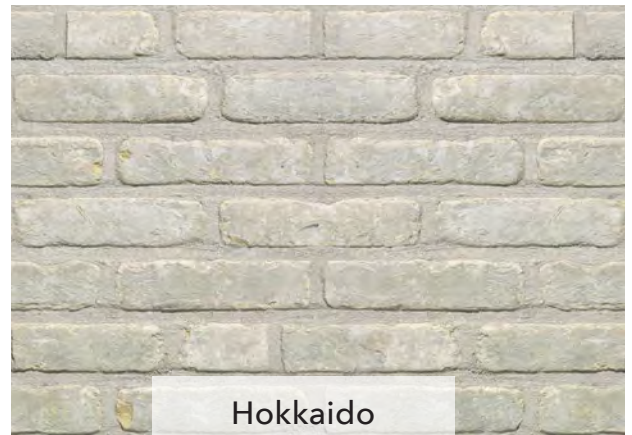
If you want the very special, original character of clay bricks, then you will find an entire palette of colour possibilities in this range.





Natural, beautiful brick facades

HANDFORM - UNIQUE!





Herford



Havel



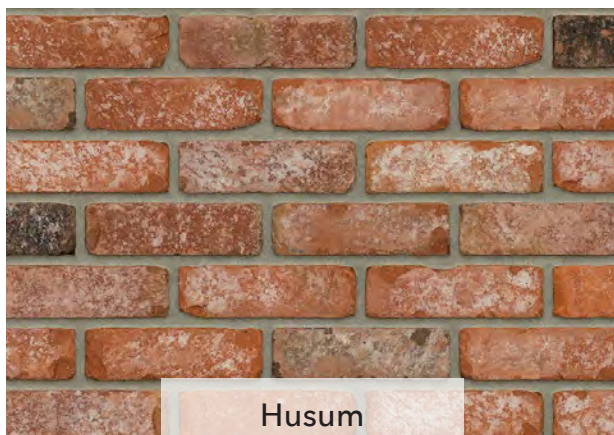
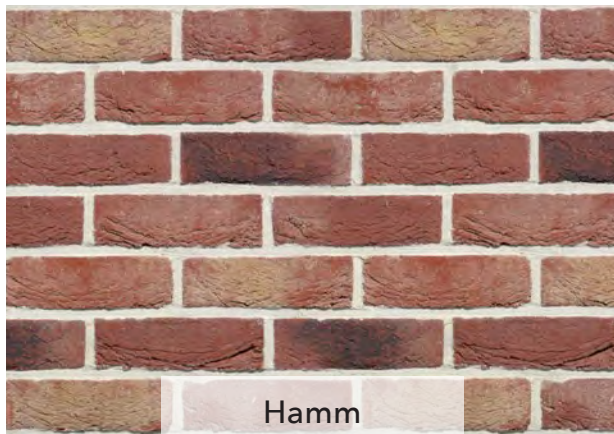
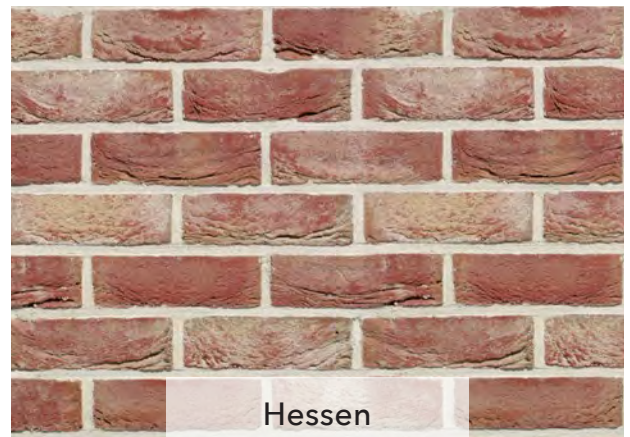
Even modern architecture gets that certain something from Handform brick facing.



A rustic look and modern thermal insulation go hand in hand. Creativity decides, not necessity.

Natural, beautiful brick facades

HANDFORM - UNIQUE!





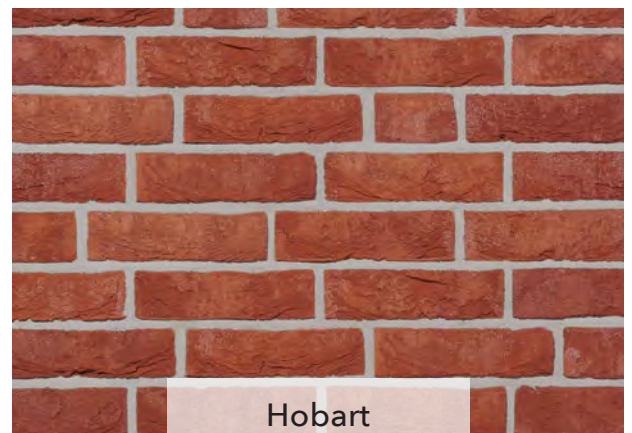
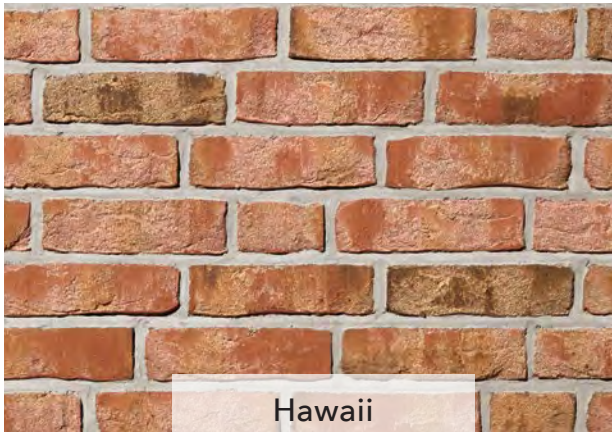
Hongkong

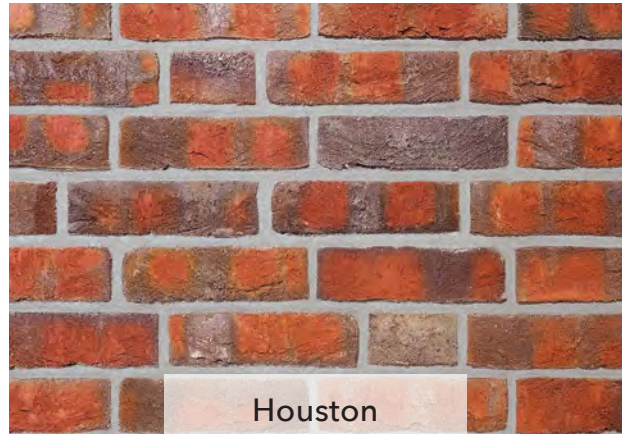


Hagen

Natural, beautiful brick facades

HANDFORM - UNIQUE!





Brick sizes

BRICK FORMATS



WF 210 - Waal format
(L x W) 210 x 50 mm



WF 220 - Waal format french
(L x W) 220 x 54 mm



WDF 215 - UK size
(L x W) 215 x 65 mm



WDF 220 - Waal thick format french
(L x W) 220 x 65 mm



DF - thin format
(L x W) 240 x 52 mm



NF - normal format
(L x W) 240 x 71 mm



LDF - Long thin format
(L x W) 290 x 52 mm



XLDF - extra long thin format
(L x W) 365 x 52 mm

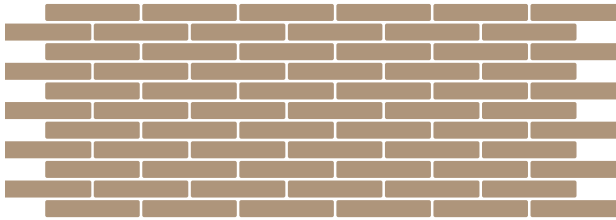
It is possible to manufacture the brick facing in a thickness of 14 to 25 mm. The standard thickness is 14 mm.

Other sizes and thicknesses are possible. Please contact us!

The surfaces can be smooth, grained, sanded or glazed. All sizes, colours and surfaces can be combined with any brick-work bonds.

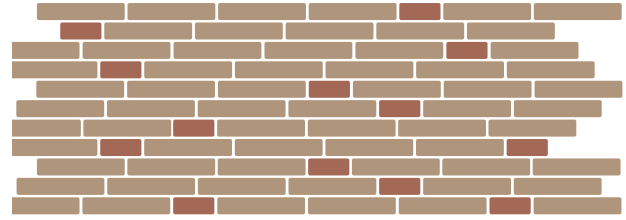
BRICKWORK BONDS

Stretcher Bond



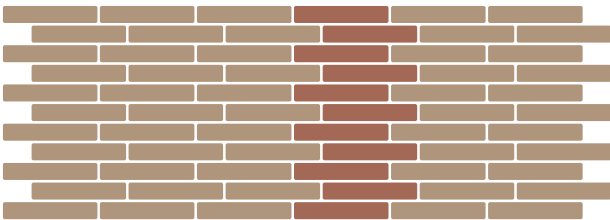
All courses consist of stretchers that are staggered from course to course by a 1/2 brick length.

Wild Bond



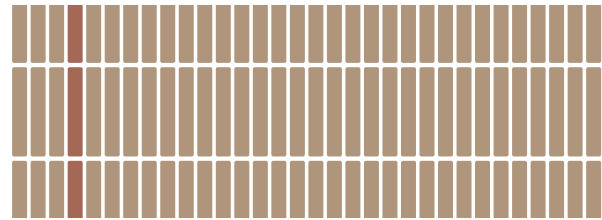
Even the "wild bond" follows specific rules. The butt joints must be staggered by a 1/4 brick to prevent forming a stairway.

Staggered stretcher Bond



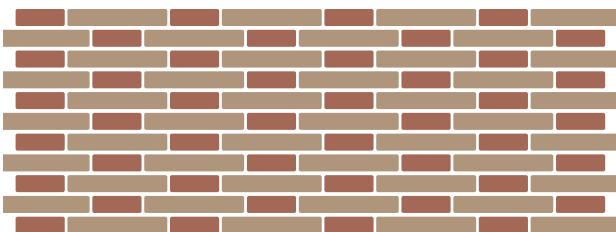
Staggered stretcher bond or staggered bond: here the bricks are staggered from course to course by a 1/3 or 1/4 brick length.

Grenadier Bond / Stack Bond



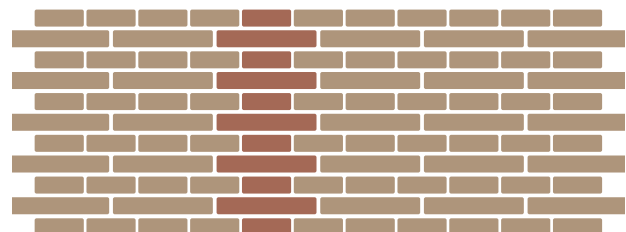
For the grenadier bond, the bricks are laid upright. The brick stands on its head with the stretcher side to the front.

Flemish Bond



Stretcher and header bricks alternating in each course. The courses are each staggered by one half head and half brick.

Block Bond



Binding and stretcher courses alternate regularly. The butt joints of all stretcher courses lie perpendicular on top of each other.

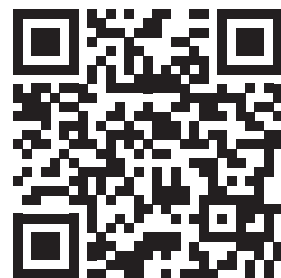


With this brochure, we wanted to give you something that you could hold in your hands so that you can get a first impression of the countless possibilities of colourful facade design using the *System kess*.

We can design the *System kess* so that it meets all of your individual requirements. Please get in touch with us.

Regardless of whether you want to make a modern architectural statement or you want something that matches regional traditions - you will still get energy-saving thermal insulation as well as noise and fire protection with the *System kess*.

Are you an architect or building contractor? Our qualified partners in Germany and Europe would be happy to advise you and help you plan the installation of your products.



www.kess-klinker.de/partner



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Subject to modifications
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The *System kess* uses facing bricks that are manufactured from natural clays. Deviations of displayed images are possible due to production and typographical reasons. Even changing daylight can alter the appearance.

System **KESS**

Easy • Beautiful • Warm

Easy Installation • Beautiful Brick Facades • Warm Living Environment

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