

# FACING CLINKER & BRICKS



#### **ABOUT US**

We, the ABC Clinker Group, are a family-owned business in the brick and tile industry in Germany and can look back on around 130 years of experience. Today, our ABC Clinker Group is in the fifth generation and manufactures various brick products at six locations in Germany. Our product portfolio includes facing bricks, brick slips, ceramic facades, clay pavers, clinker roof tiles and floor ceramics.

#### SUSTAINABILITY

We produce sustainable natural building materials as environmentally friendly as possible. For this reason, we focus on low energy consumption in production with gentle, efficient use of resources and low material consumption.

The natural slate clay of the Tecklenburger Land forms the basic material of our ABC products - a valuable, genuine natural product!

#### VISIT OUR SHOWROOM "RINGOFEN" IN HÖRSTEL

In our showroom, the Ringofen, Dornierstr. 11 in Hörstel, we offer you numerous suggestions and various possibilities for your house construction. For an individual consultation we are available Monday to Friday from 08.30 am to 05.30 pm and Saturday from 09.00 am to 01.00 pm. For an appointment, you can reach us by phone at +49 (0) 54 59 / 93 43 11 or by e-mail at ausstellung@abc-klinker.de.



#### Features of our products



Frost-resistant



Weatherproo



Environmentally friendly



Fire behavior: euroclass A1



Water absorption ≤ 6 %



Standardized



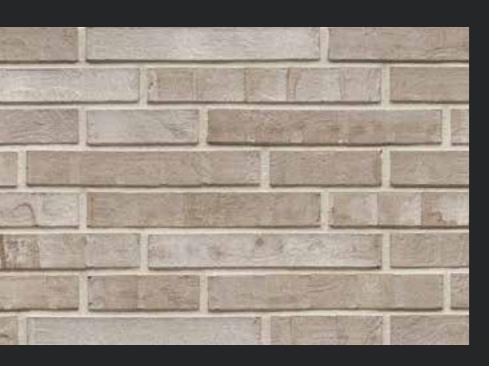
Colourfast



Graffiti removable







## aquaterra Salinagrau











## aquaterra Smart











## aquaterra Cavograu Kohle













Variations in colour, play of colours and proportions may be possible due to production/printing reasons. aquaterra Longformats in 365 mm x 52 mm and 365 mm x 40 mm available.



## aquaterra Colima

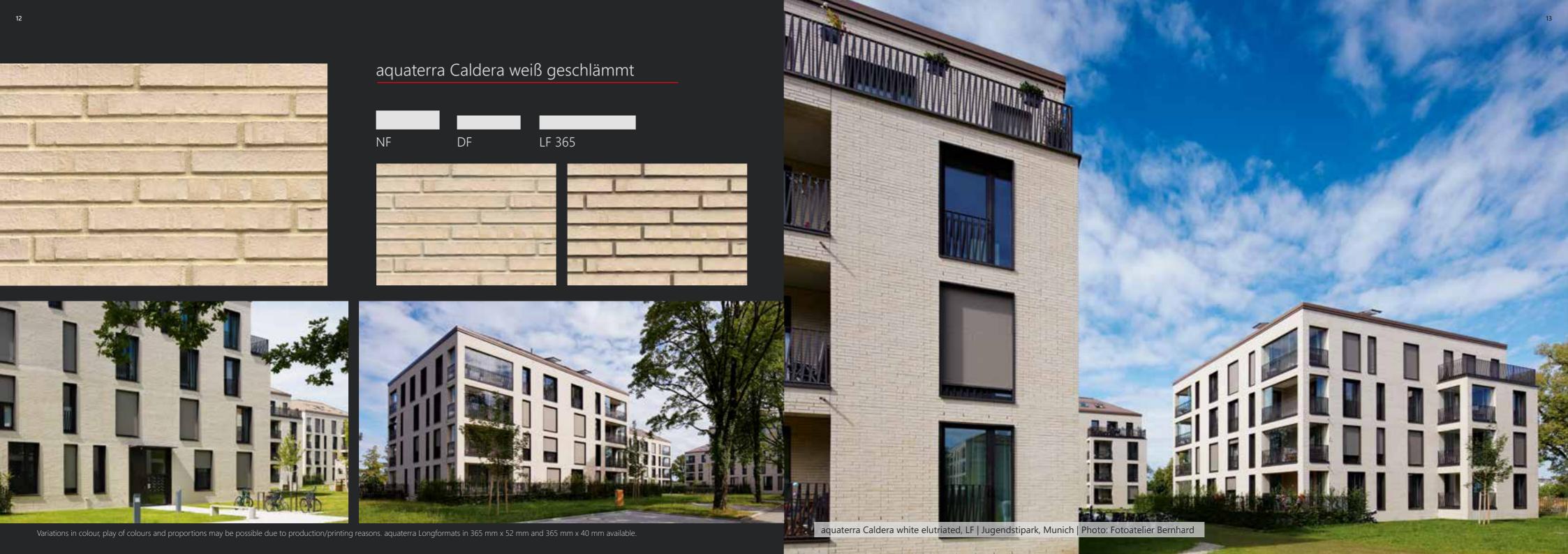
NF DF LF 365









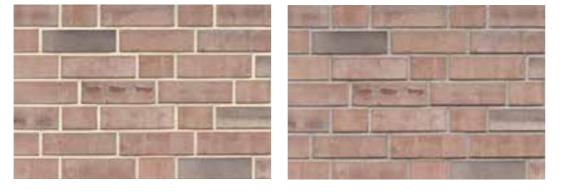






## aquaterra Stromboli





## aquaterra Feuerberg





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## aquaterra Ätnagrau







aquaterra Rauchschwarz





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## Manufacta® Helsinki

waterstruck

lF .

DF\*



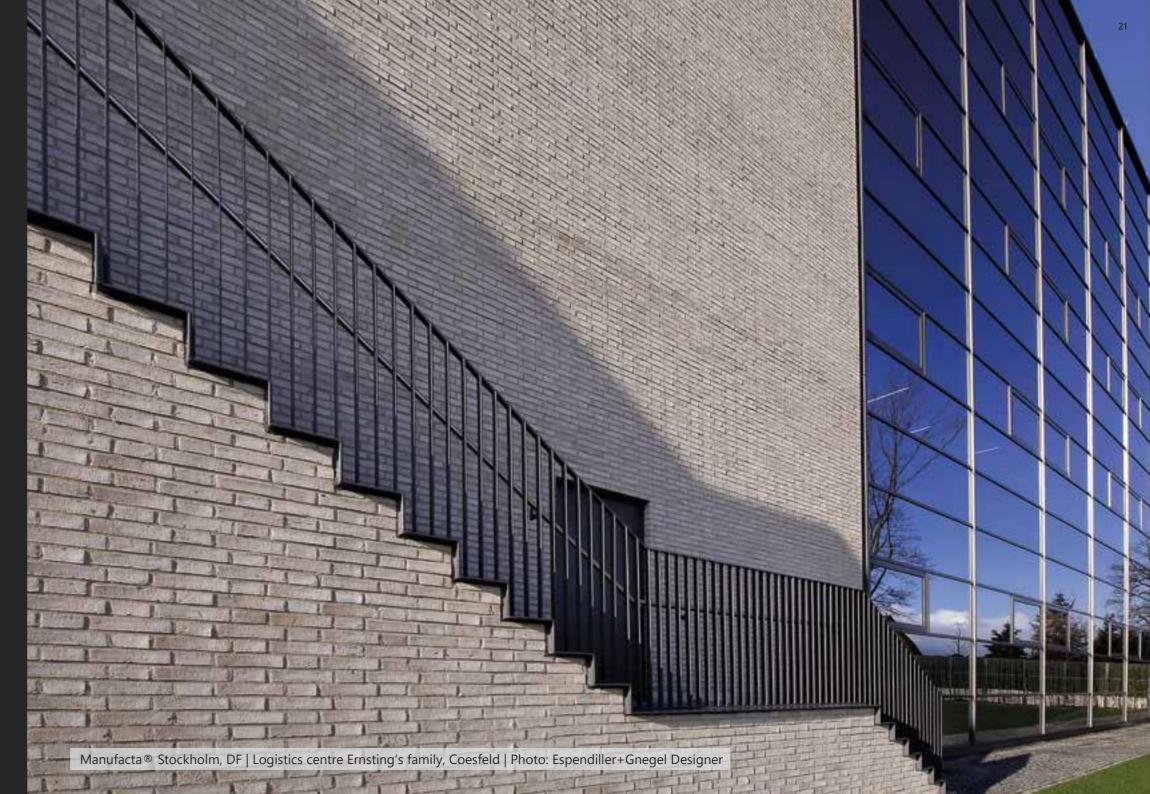
### Manufacta® Stockholm

waterstruck

NF

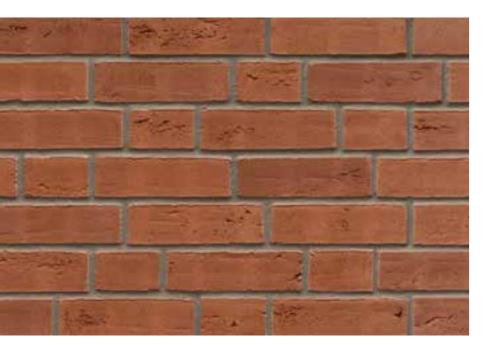
DF\*

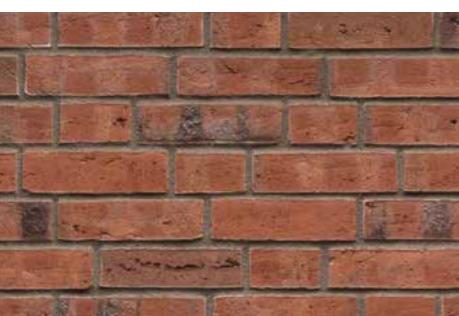




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Sortings marked with \* can only be produced for the object sector if larger quantities are purchased. If you have any questions, please do not hesitate to contact us.

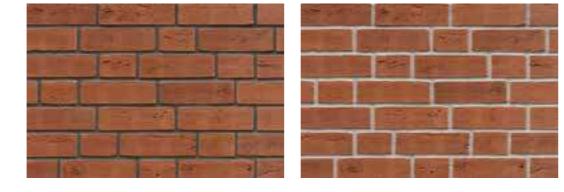




## Manufacta® Westfalen ziegelrot

waterstruck





#### Manufacta® Westfalen rot Kohlebrand

waterstruck



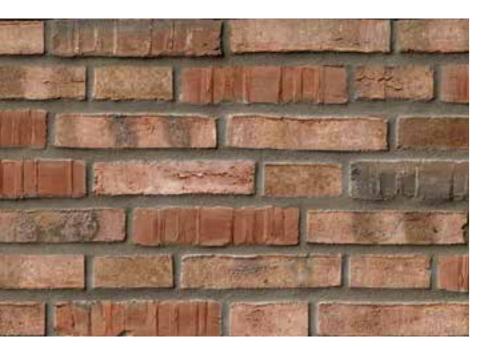


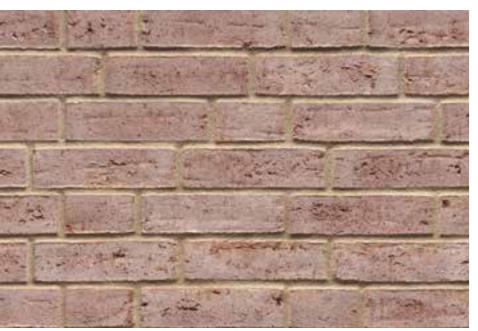




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## Manufacta® Stavanger coal

waterstruck + reverse facing



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## Manufacta® Stavanger

waterstruck











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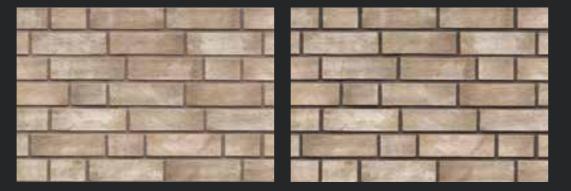




## Stendal beige-white

structure

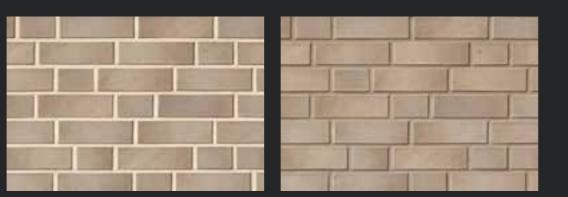
JF



## Cornbrash-Sandstein

smooth

NIE







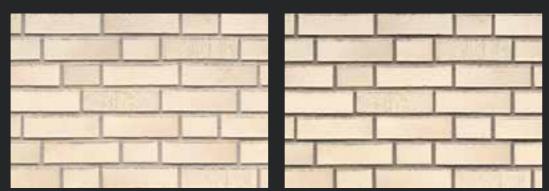
## aspero Dover

DF

## aspero Calais

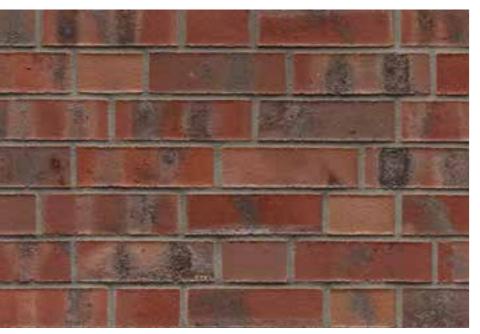
...

٧F





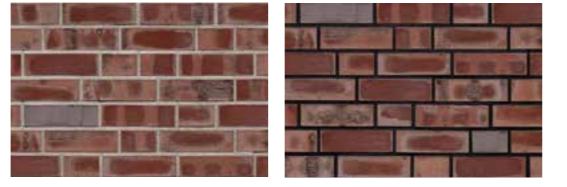




## Brandenburg red varicoloured

smooth





## Helgoland red smelted

hademarscher









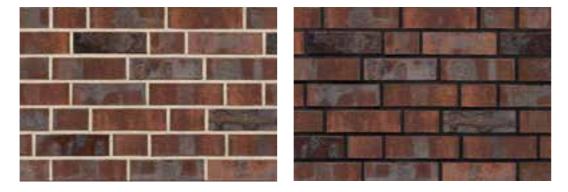




## Wittenburg coal with sinter-smelting

smooth

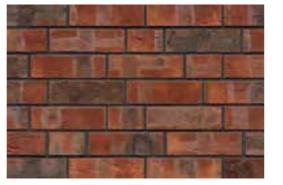




## Wittenburg coal with sinter-smelting

waterstruck













## Schleswig blue varicoloured coal

Hamburg reverse facing



NF





### Holstein brown-blue coal

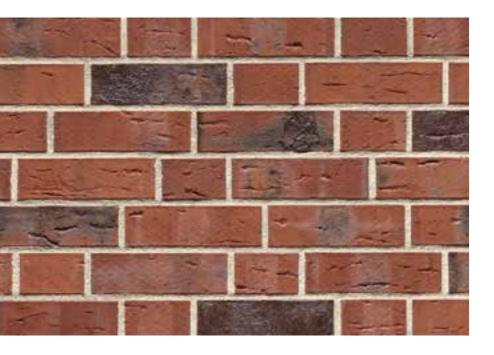
Hamburg reverse facing

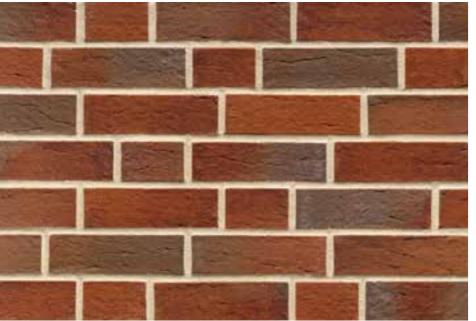






Variations in colour, play of colours and proportions may be possible due to production/printing reasons. Longformats in 490 mm x 71 mm and 490 mm x 52 mm available.





### Grafschafter red coal

waterstruck



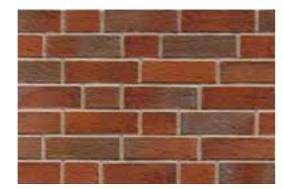




### Gravenhorster red varicoloured

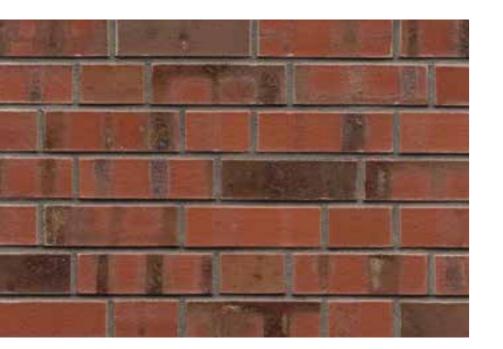
waterstruck-sanded











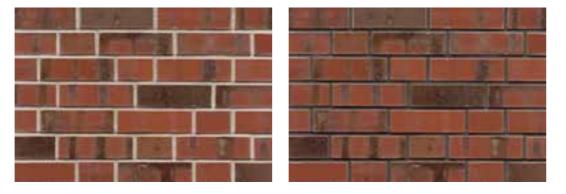


### Baltrum red varicoloured smelted coal

smooth



[



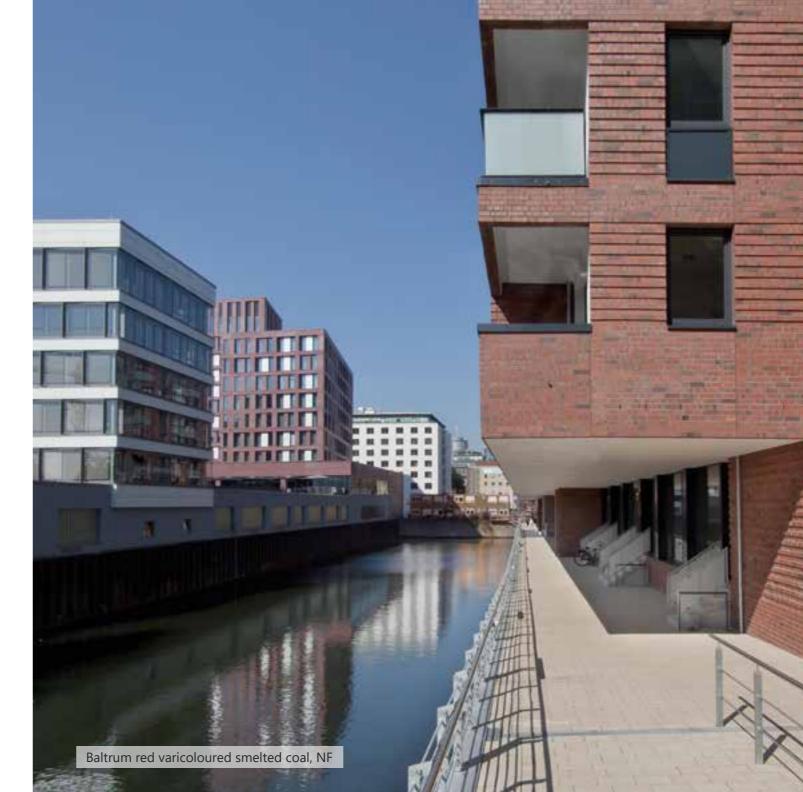
### Büsum brwon smelted coal

smooth

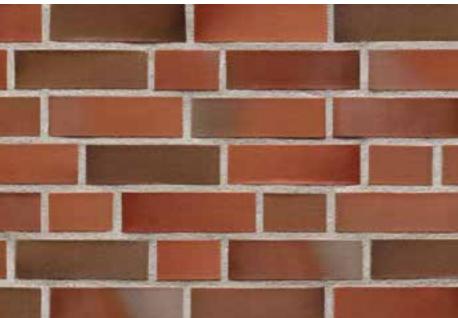








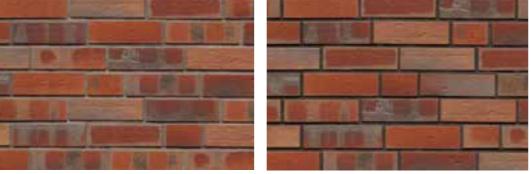
Variations in colour, play of colours and proportions may be possible due to production/printing reasons.



### Emden red varicoloured coal

grain-sanded





### Bremen red-iron varicoloured

smooth





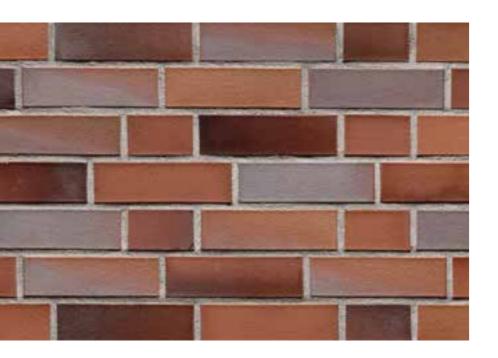
2DF











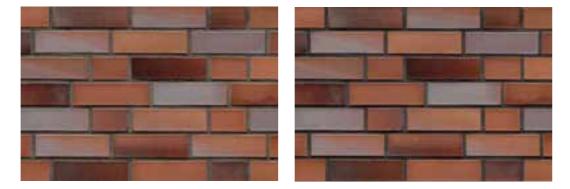


## Oldenburg red varicoloured

smooth



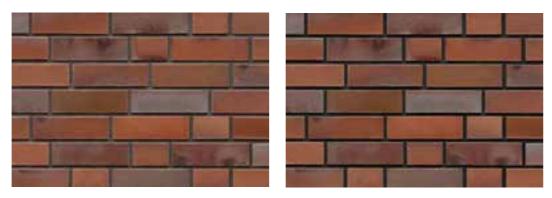
NF



## Oldenburg red varicoloured coal

smooth











### Föhr Lava coal

hademarscher

NF



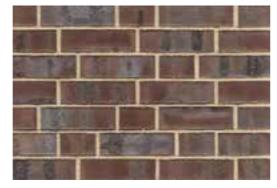




### Juist brown smelted

hademarscher







Variations in colour, play of colours and proportions may be possible due to production/printing reasons.





### Husum red-blue varicoloured

smooth



NF



## Dessau bordeaux-blue

smooth





2DF











## Hamburg black-blue varicoloured

smooth

E DE





## Hamburg black-blue varicoloured coal

smooth













### Dresden black-blue varicoloured

smooth



NE



## Luna anthracite-grey flashed

smooth













## Atlantis grey-anthracite

smooth





## Endeavour grey

smooth













## Hamburg black-blue varicoloured

smooth

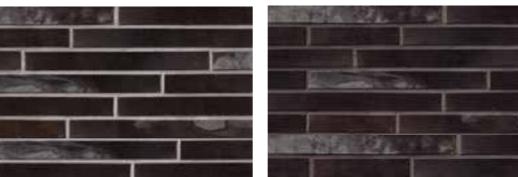
LF 490



## Hamburg black-blue varicoloured coal

smooth

LF 490











## Endeavour grey

smooth

LF 490



## Atlantis grey-anthracite

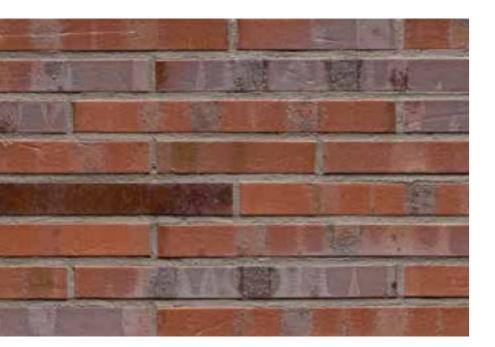
smooth

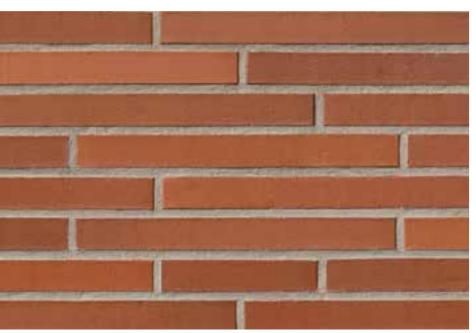
LF 490







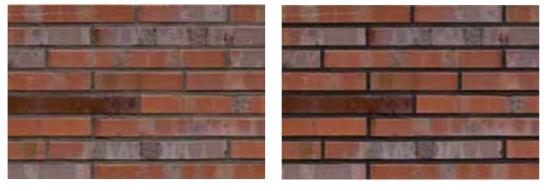




## Schleswig blue varicoloured coal

Hamburg reverse facing

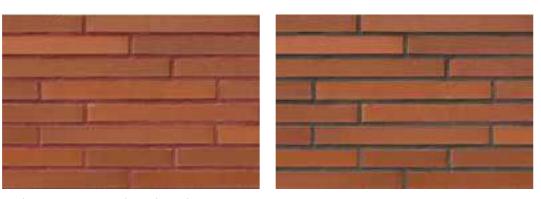
LF 490



#### Sonnenrot\*

smooth

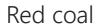
LF 490





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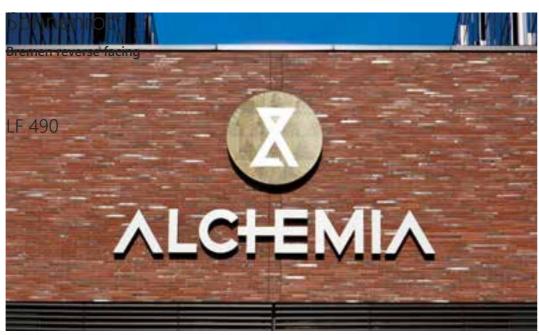
smooth

LF 490











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# Cusp stones









## Shadow play

Almere, Netherlands







# Shadow play/Longformat

Civic hall, Wettringen







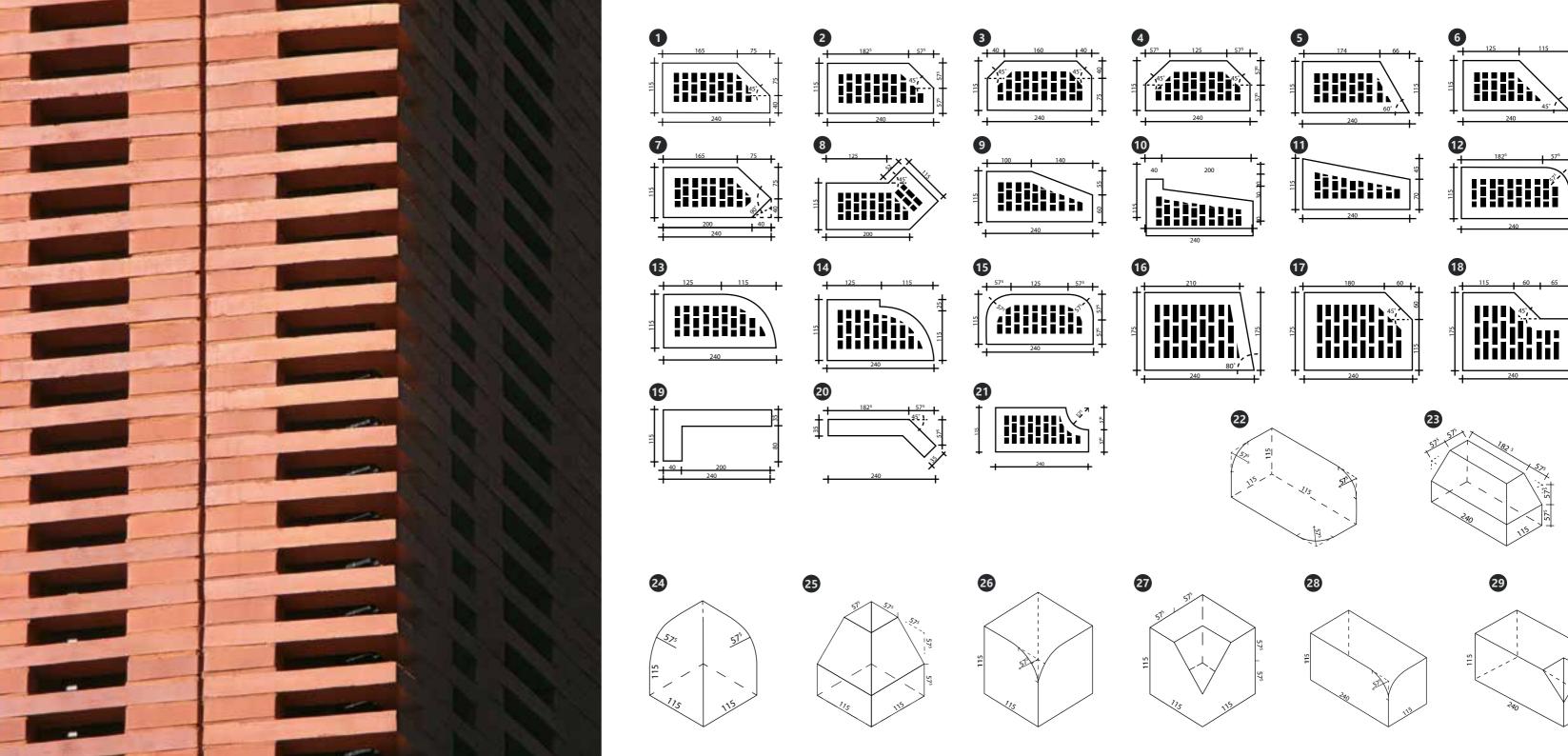
## Shaped bricks

#### **ABC-special shaped bricks**

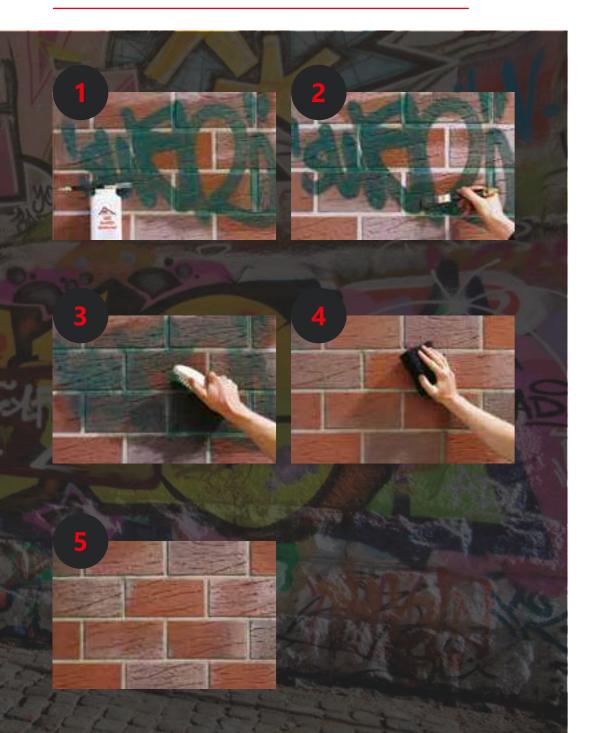
In addition to the common formats produced by us and the shadow bricks and cusp clinkers shown on double page 60 / 61, we also produce other special shape clinkers, partly by hand.

These special-shaped bricks, with their convex or concave curves, with their cants and additional corners or angles, not only make it easy to master difficult architectural details such as window parapets or plinths; they also open up additional dimensions of the facade design.





## ABC-Graffiti-Remover



#### ABC-CLINKERS ARE GRAFFITI REMOVABLE

Graffiti can be easily removed from ABC-Clinkers with ABC-Graffiti-Remover.

It has become part of the appearance of our cities and villages, but it is rarely welcome. For one thing, it seldom meets the aesthetic taste of the house-wall owners, and for another, it is usually very cost-intensive to remove. Although the spraying, which is usually carried out at night, is hardly able to be prevented, one can at least ensure that it disappears as quickly as it came about through one's choice of building material for the outer wall.

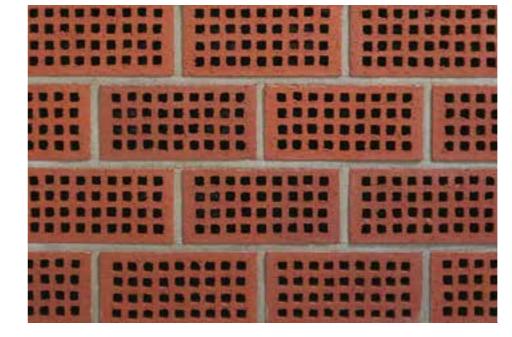
Thanks to the extremely high firing temperatures during the manufacturing process, ABC clinker facing bricks have a surface that reliably prevents the ingress of moisture of all kinds – that goes for both rain and paint. This means that graffiti remains on the surface and can be removed quickly and easily with the ABC graffiti remover, and what's more, without leading residues. A façade with clinker facing bricks is not only beautiful and functional, but also robust and impervious.

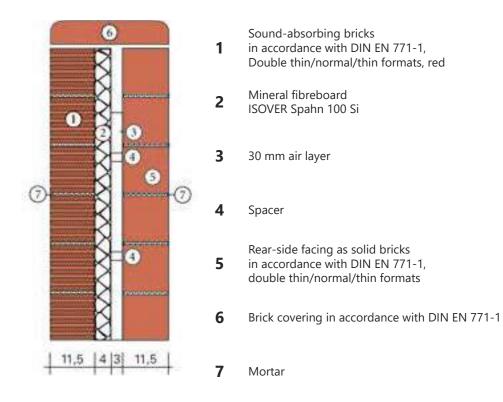


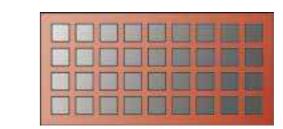
Our sound-absorbing bricks absorb noise in accordance with DIN 52212 and are excellently suited for constructing a noise barrier in accordance with DIN 4109.

A noise barrier according to DIN 4109 consists of four layers: the first layer of sound-absorbing bricks facing the street with a hole percentage of about 30%, followed by a mineral fibreboard, 40–60 mm thick, and an air layer, as layers two and three.

The soundproofing brick in the double thin format can be combined with facing on the rear side in the double thin, normal and thin formats. Sound absorption coefficient in accordance with DIN 52212; resistance to stone impact of bricks for noise barriers in accordance with the Additional Technical Contractual Terms and Guidelines for Noise Barriers on Streets 8 (ZTV-Lsw 8).



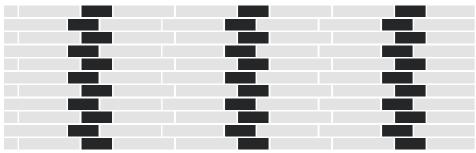




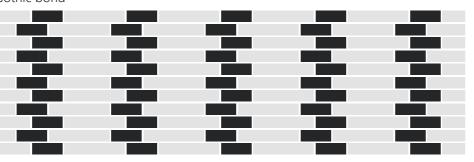
Square perforation Hole percentage 30%

# Masonry bonds

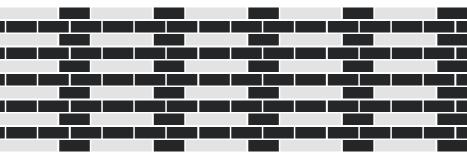




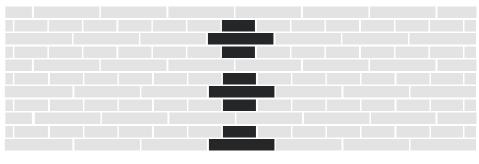
#### Gothic bond



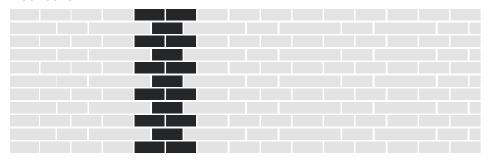
Dutch bond



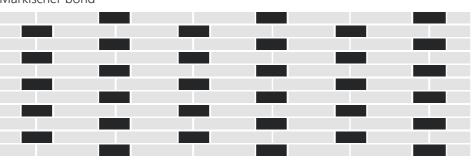
Cross bond



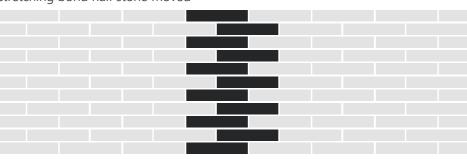
Block bond



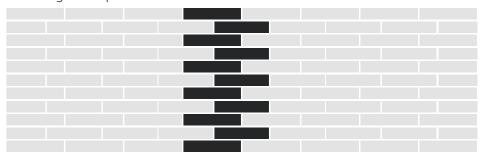
Märkischer bond



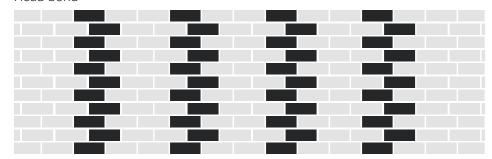
Stretching bond half stone moved



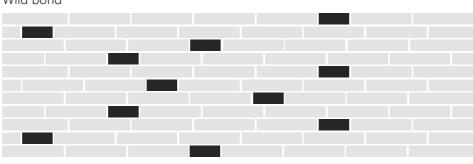
Stretching bond quarter stone moved



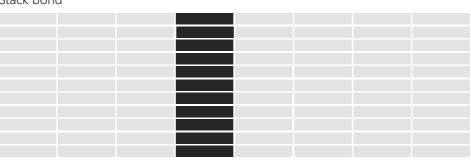
Head bond



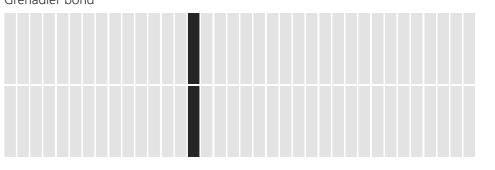
Wild bond



Stack bond



Grenadier bond



# Formats and bricks

#### **AQUATERRA BRICKS**

If water is added to the clay mass, it becomes soft and formable. This results in a smooth water-clay mixture from which our bricks are carefully brushed. The interplay between liquid and solid creates the characteristic and visual soft surface of our aquaterra series.

#### EXTRUDED CLINKER

With extruded clinkers, the clay mass is pressed with great pressure to form an extrusion from which the blanks are cut off. In this way, this manufacturing process produces rather smooth, uniform clinkers. Depending on whether an additional surface effect is desired, the strand is sanded, grained or peeled.

#### WATERSTRUCK BRICKS

In the production of waterstruck bricks, the clay mass is filled into a form, pressed, and then brushed out of the form with the help of water. Water serves as a separating element - thus the name for this production method, to which we owe our unique Manufacta® facing bricks. This gives the bricks a water-brushed surface with an individual, partially roughened appearance.

If the format you are looking for is not listed, please do not hesitate to contact us. We also produce customised products.

We ask for your understanding that we require a certain order volume for such productions.

DF = Thin format Dimensions: 240 x 115 x 52 mm 64 bricks per m<sup>2</sup>

NF = Normal format Dimensions: 240 x 115 x 71 mm 48 bricks per m<sup>2</sup>

2DF = Double thin format Dimensions: 240 x 115 x 113 mm 32 bricks per m<sup>2</sup>

RF = Imperial format 61 Dimensions: 240 x 115 x 61 mm, 55 Stück bzw. 65 mm, 52 bricks per m<sup>2</sup>

RF = Imperial format 65 Dimensions: 250 x 120 x 65 mm 52 bricks per m<sup>2</sup>

3DF = Triple thin format Dimensions: 240 x 175 x 113 mm 32 bricks per m<sup>2</sup>

OF = Oldenbourg format Dimensions: 220 x 110 x 52 mm

70 bricks per m<sup>2</sup>

MF = Module format Dimensions: 290 x 90 x 52 mm 52 bricks per m<sup>2</sup>

LF = Long format 365 Dimensions: 365 x 115 x 40 mm 53 bricks per m<sup>2</sup>

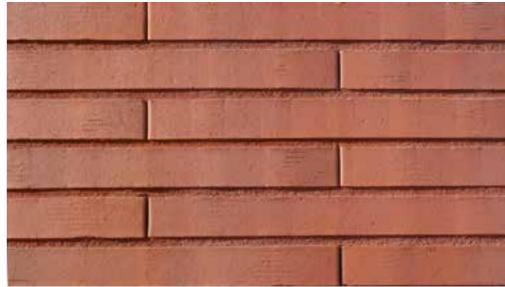
LF = Long format 365 Dimensions: 365 x 115 x 52 mm 43 bricks per m<sup>2</sup>

LDF = Long format 490 Dimensions: 490 x 115 x 52 mm 32 bricks per m<sup>2</sup>

LNF = Long format 490 Dimensions: 490 x 115 x 71 mm 26 bricks per m<sup>2</sup>

# Joint colour and joint pattern

#### Red joint, without butt joint



Grey joint, recessed



Clinker and joint matched in colour



Dark horizontal joint in contrast, without butt joint





#### aquaterra Colima

LF 365



#### aspero Bristol

Plant Hörstel



#### Manufacta® Inari

waterstruck

Plant Recke



### aquaterra Lipariweiß

Plant Recke



#### aquaterra Lichtocker

LF 365

Plant Recke



#### aspero Dover

aspero

Plant Hörstel



#### aspero Calais

aspero

Plant Hörstel



## aquaterra Salinagrau

240 x 100 x 71

LF 365

Plant Recke



#### aquaterra Caldera white elutriated

LF 365

Plant Recke

#### Manufacta® Kiruna

waterstruck

DF\*

#### Manufacta® Stockholm

waterstruck



### Glücksburg beige

waterstruck







#### aquaterra Smart

240 x 100 x 71

Plant Recke



#### Minden Sandstein

structure

Plant Hörstel



## Lehrte grey vari-coloured

structure



# Manufacta® Kalmar

waterstruck

Plant Recke



#### aquaterra Cavograu coal



#### Cornbrash-Sandstein



#### Manufacta® Bergen coal

waterstruck

Plant Hörstel



#### Rheinland creme-yellow

smooth



structure

Plant Hörstel

Plant Recke



#### Lemgo coal



#### Manufacta® Kalmar coal\*

waterstruck



### St. Petersburg yellow coal

smooth

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aquaterra LF 365 available in 365 x 52 mm und 365 x 40 mm. ABC-Langformat® 490 available in 490 x 71 mm und 490 x 52 mm.



## Stendal beige-white



handshake-grained





Bornholm yellow Danish

hademarscher



**Grafschafter Barock** sand varicoloured

waterstruck





aquaterra Stromboli

Plant Recke



Norderney red varicoloured smelted

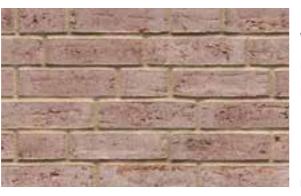
smooth

Plant Schüttorf



#### Sylt Magma coal

hademarscher



#### Manufacta® Stavanger

waterstruck

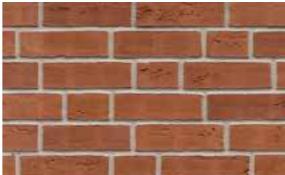
Plant Recke



#### Norddeich red-blue sand vari-coloured

grained-sanded







#### **Grafschafter Barock** sand varicoloured without red

waterstruck



#### aquaterra Feuerberg

LF 365



#### Manufacta® Kristiansand

waterstruck



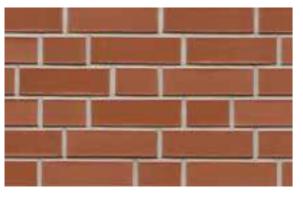
#### Manufacta® Wilsum brick-red

waterstruck

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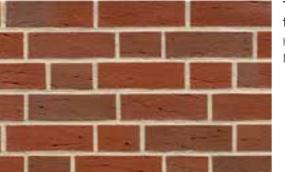
RF 250x120x65



# Münsterland red-nuanced

smooth

Plant Hörstel



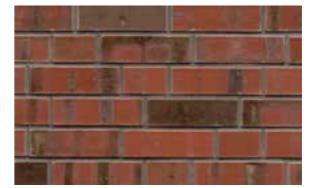
#### Tecklenburg varicoloured flamed

hand shaped-sanded



#### Manufacta® Stavanger coal + reverse facing

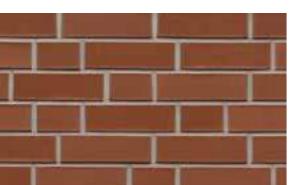
waterstruck



#### Baltrum red varicoloured smelted coal

smooth

Plant Hollage

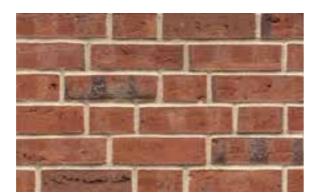


#### Artland red-nuanced

smooth

RF 240x115x61

RF 240x115x56



# Manufacta® Westfalen red

waterstruck

RF 250x120x65



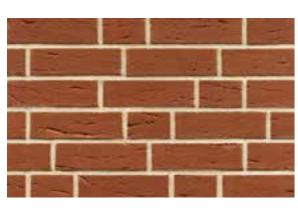
#### Grafschafter red coal

waterstruck



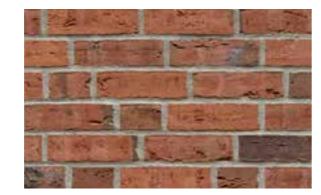
#### Schwerin red varicoloured

smooth



#### Tecklenburg red-nuanced

hand shaped-sanded



#### Manufacta® Wilsum red coal

waterstruck



#### Artland red coal

Plant Schüttorf

smooth

RF 61



#### Ammerland red varicoloured

grained-sanded

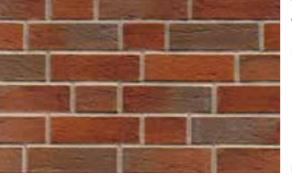
2DF

Sortings marked with \* can only be produced for the object sector if larger quantities are purchased. If you have any questions, please do not hesitate to contact us. Variations in colour, play of colours and proportions may be possible due to production/printing reasons. aguaterra LF 365 available in 365 x 52 mm und 365 x 40 mm. ABC-Langformat® 490 available in 490 x 71 mm und 490 x 52 mm.



#### Artland red coal

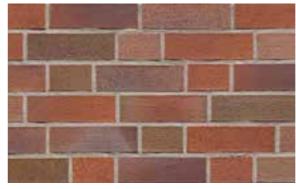
hademarscher



#### Gravenhorster red varicoloured

waterstruck

Plant Hörstel



# Bevergern blue varicoloured

stripped



#### grained-sanded



#### Ammerland red varicoloured

smooth

#### Bremen red-iron varicoloured

smooth

Plant Hörstel



#### Bevergern blue varicoloured

smooth

Plant Hörstel



#### Oldenburg red varicoloured

smooth



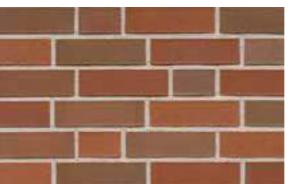
#### Flensburg red coal

smooth

Plant Schüttorf

#### Emden red varicoloured coal

grained-sanded



### **Emsland antique varicoloured**

smooth



#### Oldenburg red varicoloured coal

smooth

Plant Hollage

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#### Schleswig blue varicoloured coal

Hamburg reverse facing



#### Wittenburg coal with sinter-smelting

smooth

Plant Schüttorf



#### Brandenburg red varicoloured with yellow

smooth



#### Oldenburg blue-brown varicoloured coal

smooth

Plant Hollage



#### Holstein brown varicoloured with sinter-smelting

Hamburg reverse facing



### Helgoland red smelted

hademarscher



#### Brandenburg red varicoloured

smooth



#### Juist brown smelted

hademarscher

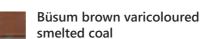


waterstruck

Plant Schüttorf



waterstruck



smooth



#### Manufacta® Leeds

waterstruck

NF\*

DF\*

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#### Manufacta® Hanseatic





#### Amrum brown varicoloured

hademarscher



#### Aachen brown

smooth

Werk Hörstel



## Gotha aubergine smelted

smooth



#### Bern red-blue-brown varicoloured

smooth

NF

Plant Hörstel



#### **Grafschafter Moorbrand**

waterstruck



#### Föhr Lava coal

hademarscher

Plant Hollage



#### Husum red-blue varicoloured

smooth

Plant Hollage



### Dessau bordeaux-blue

smooth



### Torfmoor blue varicoloured

waterstruck-sanded



#### Trier anthracite-brown varicoloured flamed

smooth

2DF



### Weimar aubergine coal

smooth



#### Leipzig aubergine coal

smooth

Plant Schüttorf

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#### Manufacta® Narvik

waterstruck



#### Atlantis grey-anthracite

smooth

MF 290

Plant Schüttorf



# aquaterra Rauchschwarz

LF 365

Plant Recke



# Dresden black-blue varicoloured

Plant Hörstel



#### Manufacta® Trondheim

waterstruck



#### **Endeavour grey**

smooth

MF 290



## Luna anthracite-grey flashed

smooth



smooth

2DF

Plant Schüttorf



#### aquaterra Ätnagrau

#### Manufacta® Dublin

waterstruck



### Ahrensburg black-blue varicoloured



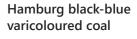
### Hamburg black-blue varicoloured

smooth

2DF

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# smooth

Plant Hörstel

# Colour range ABC-Langformat®



St. Petersburg\*

smooth

LF 490





#### Schleswig blue varicoloured coal

Hamburg reverse facing LF 490

**Endeavour grey** 

smooth

LF 490



#### Sonnenrot\*

smooth

LF 490



### **Endeavour grey**

smooth

LF 490



# Atlantis grey-anthracite

smooth

Plant Schüttorf

LF 490



Plant Schüttorf

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#### Hamburg black-blue varicoloured coal

smooth LF 490

Plant Schüttorf



#### Hamburg black-blue varicoloured

smooth

LF 490

Plant Schüttorf

# Our product range

















Brick strips

NORDIC

Clay pavers

Clinker roof tiles

Floor ceramics

























# Production plants of the ABC Clinker Group

# Headquarter



#### Klinker- und Keramikwerke · A. Berentelg & Co. KG

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Level of information 09/2021 · Programme changes reserved.

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