

**ströher**<sup>®</sup>  
Clinker. Ceramics. Competence.



**HIGH-TECH BUILDING MATERIAL  
CLINKER BRICK SLIPS  
2013/2014**

# FUNCTIONAL CLADDING WITH MEMBRANE EFFECT

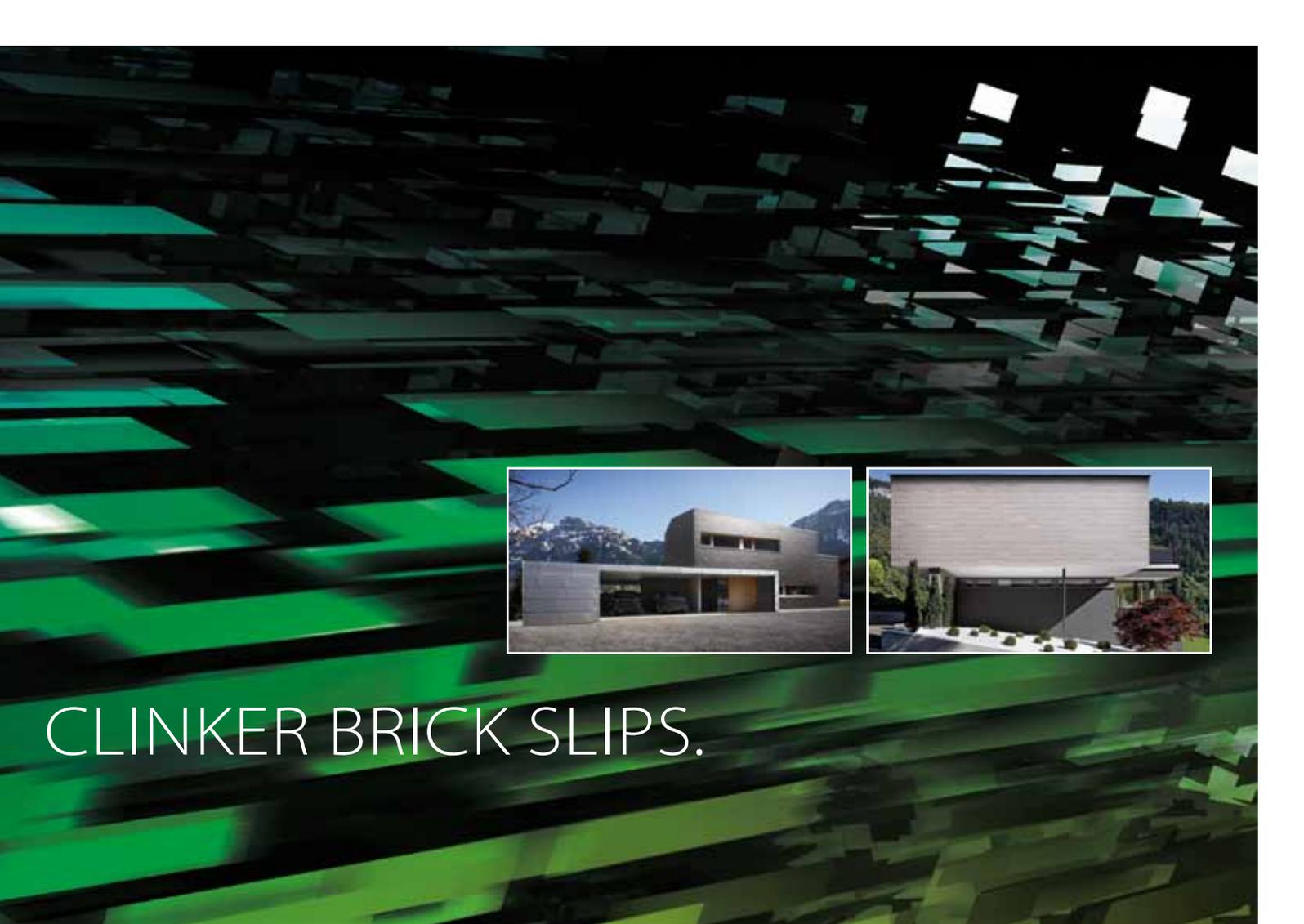
HIGH-TECH BUILDING MATERIAL  
MAKE A STATEMENT WITH CLAY!

## ARCHAICS. FUNCTIONAL.

Cut from a moist clay line and fired in high-tech kilns until sintered. The highly resistant brick slip density and the optimum pore structure is made possible by our special manufacturing process – extrusion. This is how we turn clay into brick slips with breathable capillary channels and a particle structure resistant to damage by frost.

So clinker brick slips become a functional ceramic finish with a membrane effect. In plain monochrome, or with an unmistakable play of iridescent colours. Reduced, oxidized or engobed – whichever way you choose: perfect for facade cladding. Whether exposed to frost or heat.





# CLINKER BRICK SLIPS.

## **THIN-LAYER CLADDING. AND ROBUST.**

Cladding with the exposed masonry look, but without the masonry. Being many times thinner and lighter than clinker bricks, brick slips as facade cladding free you from the structural constraints of a facing panel or the existing masonry structure. This way, they open up new dimensions in design in energy saving renovation projects when used in conjunction with modern exterior insulation and finishing systems (EIFS).

And for the current trend in monolithic construction of modern buildings in which the exterior walls are made of concrete poured in situ, brick slip facades on top of exterior insulation and finishing systems provide an opportunity for distinctive designs. Real colour-dyed in the classic NF, DF or in the fashionable long and bar formats with matching angles pieces. Traditionally smooth, grained, with patina or with a vintage, used look with chipped edges.

## **ECOLOGICAL. AND ECONOMICAL.**

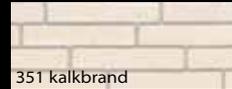
Ceramic brick slips produced by extrusion are weather and frost-resistant without environmentally harmful hydrophobic, impregnation or sealing treatments. Using cleaning chemicals is unnecessary. The compounded surface produced as a result of high-temperature firing offers no breeding grounds for pests, mosses, fungi and algae. Dirt from exhaust gases or other environmental influences is simply washed off the facade.

This maintenance-free facade design with a highly durable, natural product made of clay produced at 1300° C by sintering is in tune with the times, but not just because of its own environmental, energy and cost aspects: during production, too, we have committed ourselves to maximum energy efficiency and recycling. And the sustainable use of natural resources.

**MADE IN  
DÜLLENBURG**



Institut Bauen  
und Umwelt e.V.



351 kalkbrand



352 kupferschmelz



354 bronzebruch



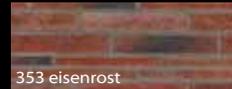
355 sandschmelz



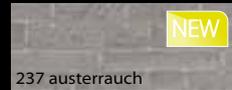
357 backstein



356 erdfeuer



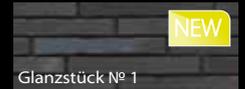
353 eisenrost



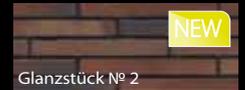
237 austerrauch



359 kohleglanz



Glanzstück N° 1



Glanzstück N° 2



Glanzstück N° 3



**6**

## **ZEITLOS**

The high tech patina brick-slip in sintered clinker quality and premium strength.

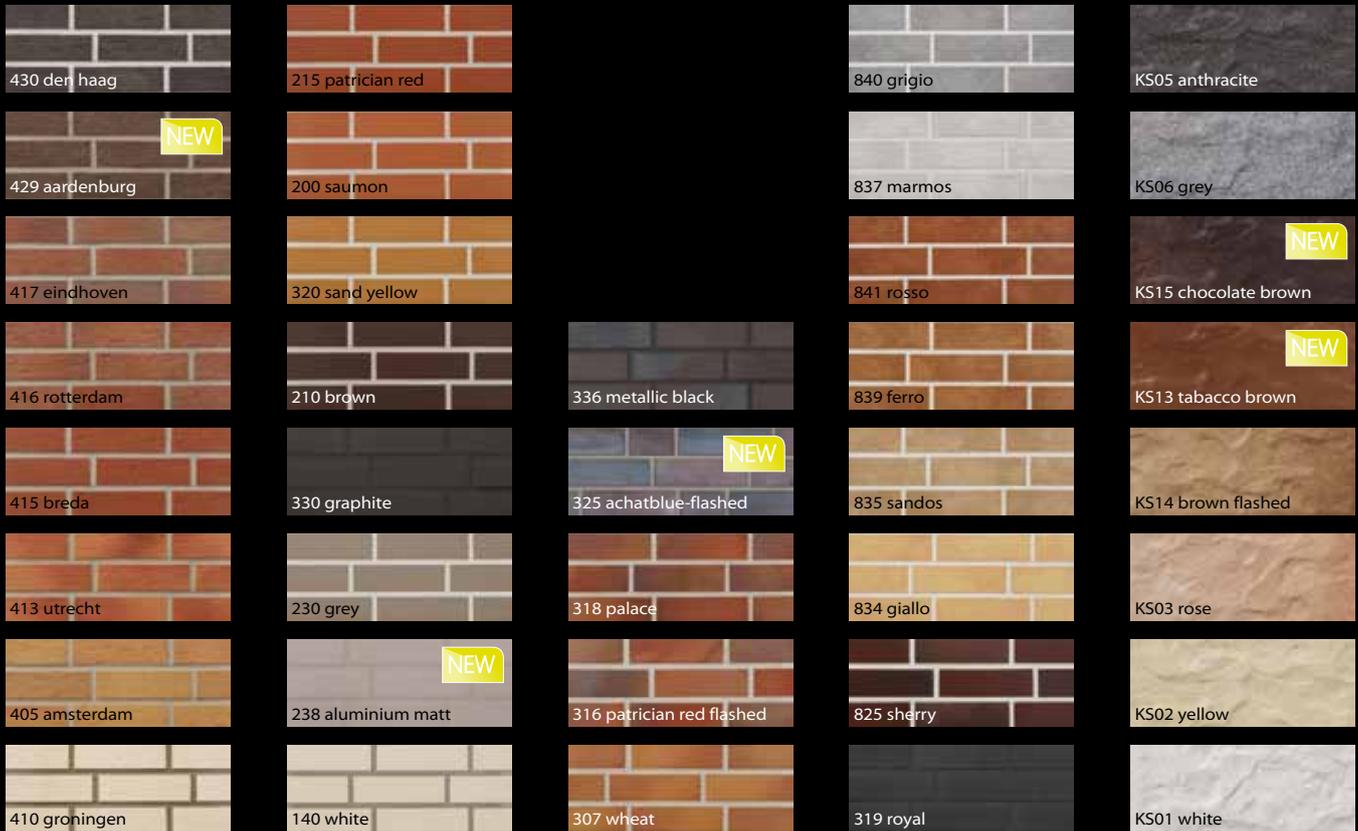


**14**

## **GLANZSTÜCKE**

Retro-brick with sheen effect – extra slim long shape.

# CLINKER BRICK SLIPS



**18**  
**KERAPROTECT®**

The distinctive classic – rough and sandy protected.



**22**  
**KERAVETTE®**

Glazed and unglazed variety – the perfect price for modern and even the latest large-scale architecture.



**32**  
**KERABIG®**

Natural stone look in an economically large size.

# THE HIGH TECH PATINA BRICK-SLIP IN SINTERED CLINKER QUALITY AND PREMIUM STRENGTH ZEITLOS

Archaic appearance with dimensional precision for easy laying,  
energy-aware faced masonry look.

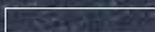
NEW

After long format  
400 x 71 mm now  
also available in  
new bar shape  
400 x 35 mm

240 x 71 x 14 mm  
NF



400 x 71 x 14 mm  
long format



400 x 35 x 14 mm  
bar shape

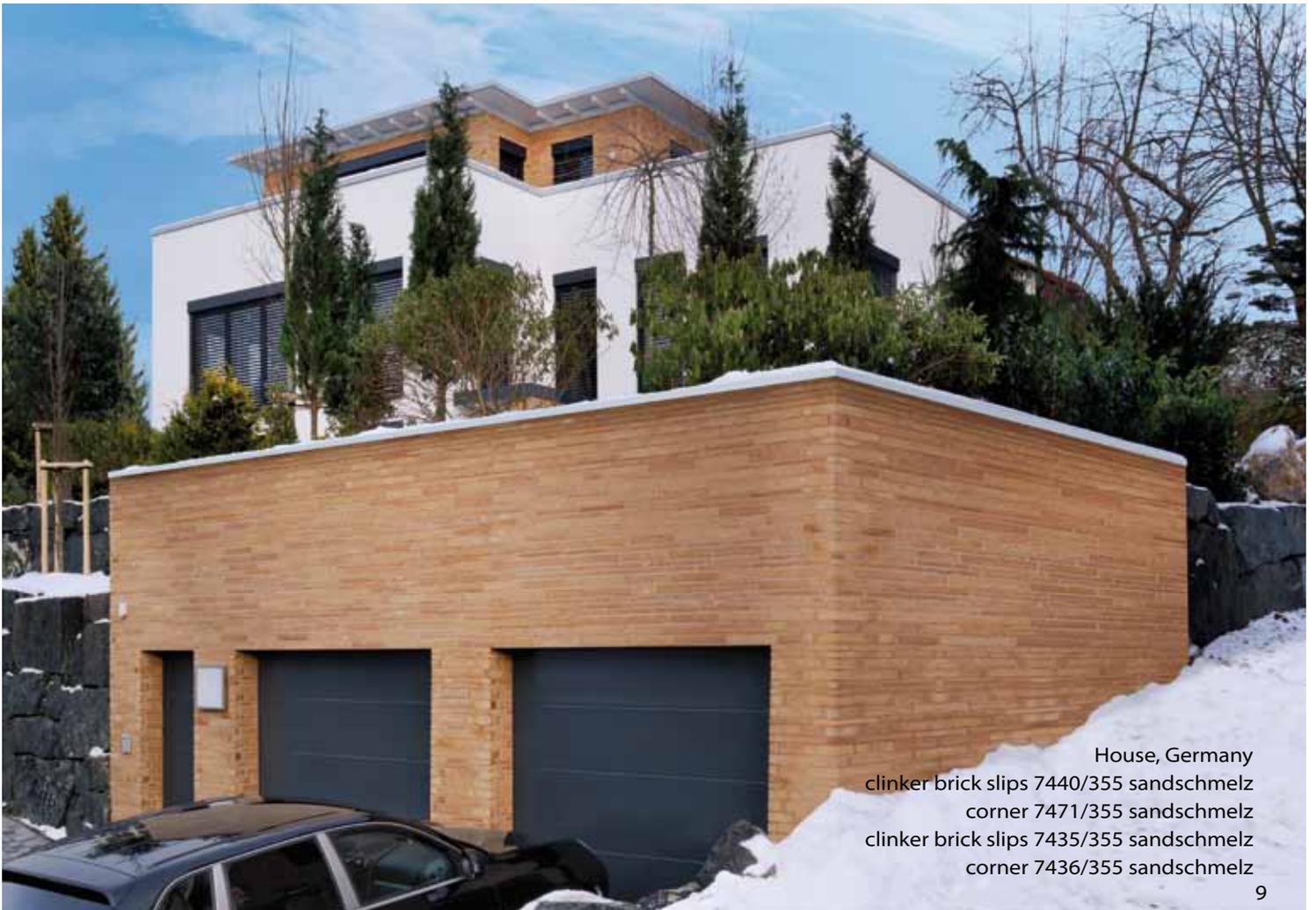


House, Germany  
clinker brick slips 7440/237 austerrauch  
clinker brick slips 7470/237 austerrauch  
clinker brick slips 7435/237 austerrauch  
corner 7471/237 austerrauch  
corner 7436/237 austerrauch



Kaskada Stettin, Poland  
clinker brick slips 7440/353 eisenrost

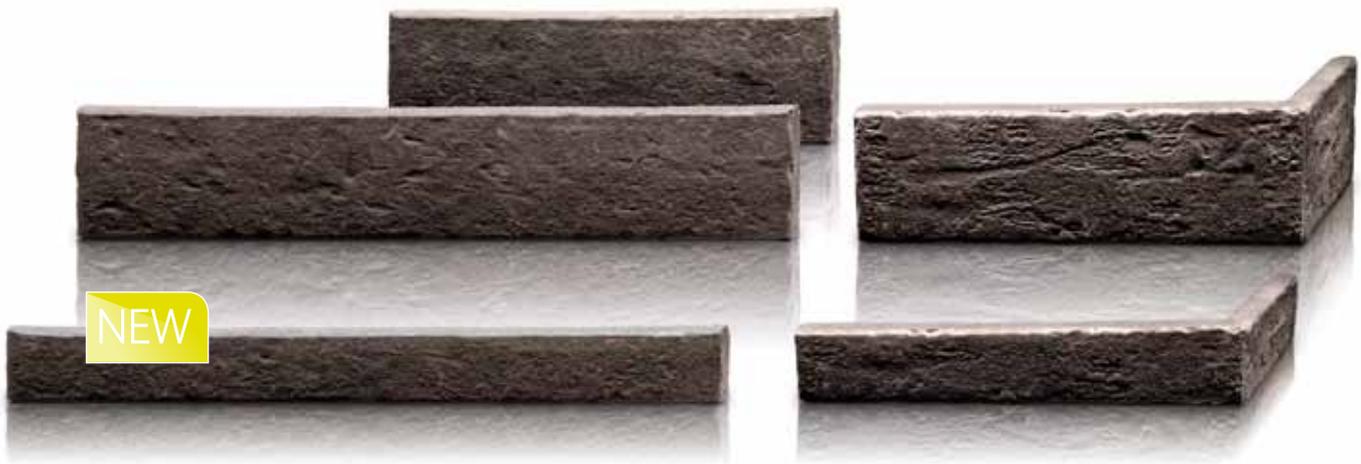




House, Germany  
clinker brick slips 7440/355 sandschmelz  
corner 7471/355 sandschmelz  
clinker brick slips 7435/355 sandschmelz  
corner 7436/355 sandschmelz

# ZEITLOS ARCHAIC. TECHNICALLY PERFECT. ENERGY-CONSCIOUS.

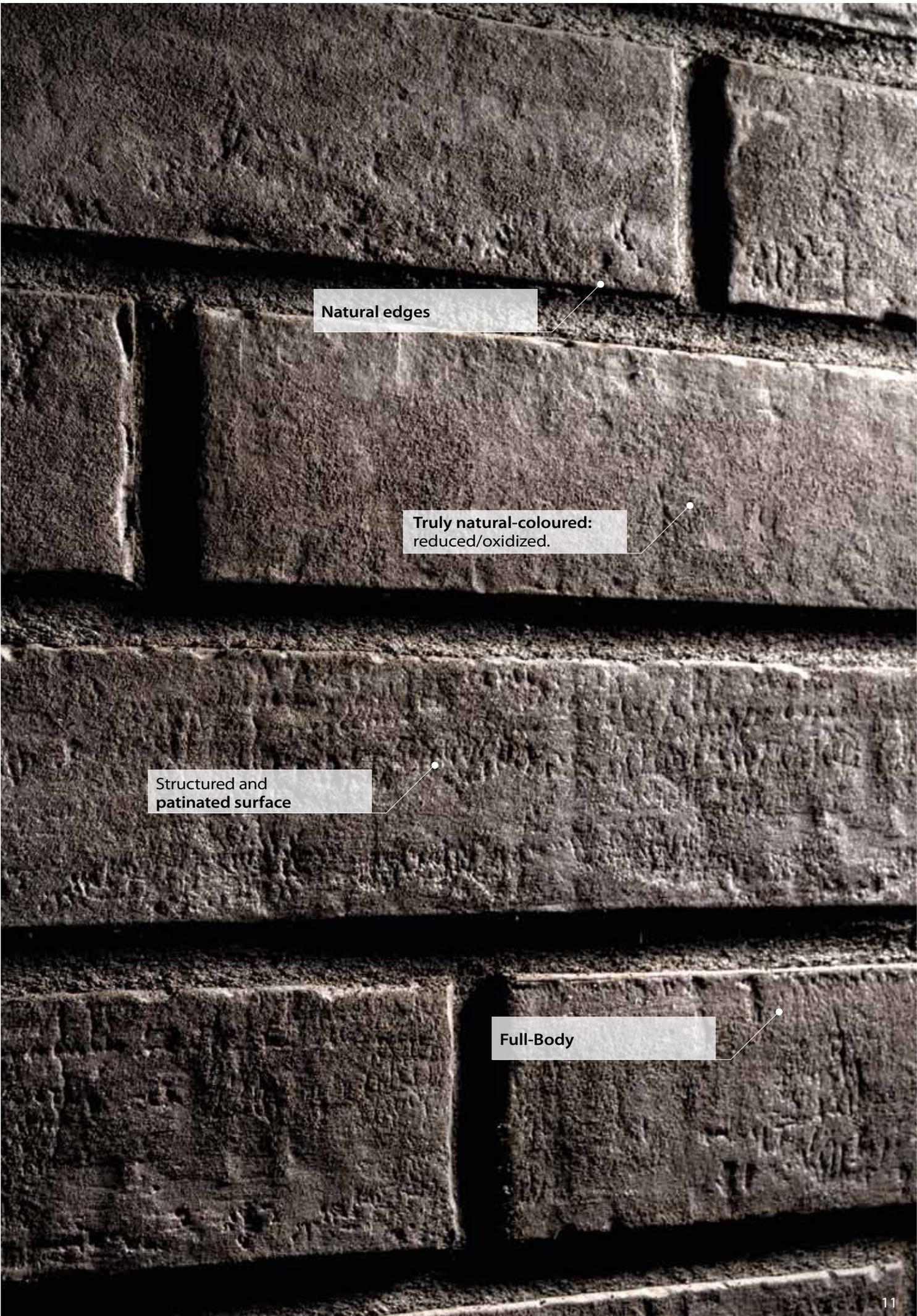
**NEW**  
After long format  
400 x 71 mm now  
also available in  
new bar shape  
400 x 35 mm



## HIGH-TECH CLINKER QUALITY

- Sintered patina slip.
- High-fired manufacture with up to 1300° C.
- High density of the body and extreme hardness.
- Low water absorption of < 3 to 5 %.
- Absolute and guaranteed frost-resistance.
- High dimensional stability.
- Lasting and fadeless colour with solid-coloured body.
- Special application- and surface technology for an incomparable patina/brickwork style.





**Natural edges**

**Truly natural-coloured:  
reduced/oxidized.**

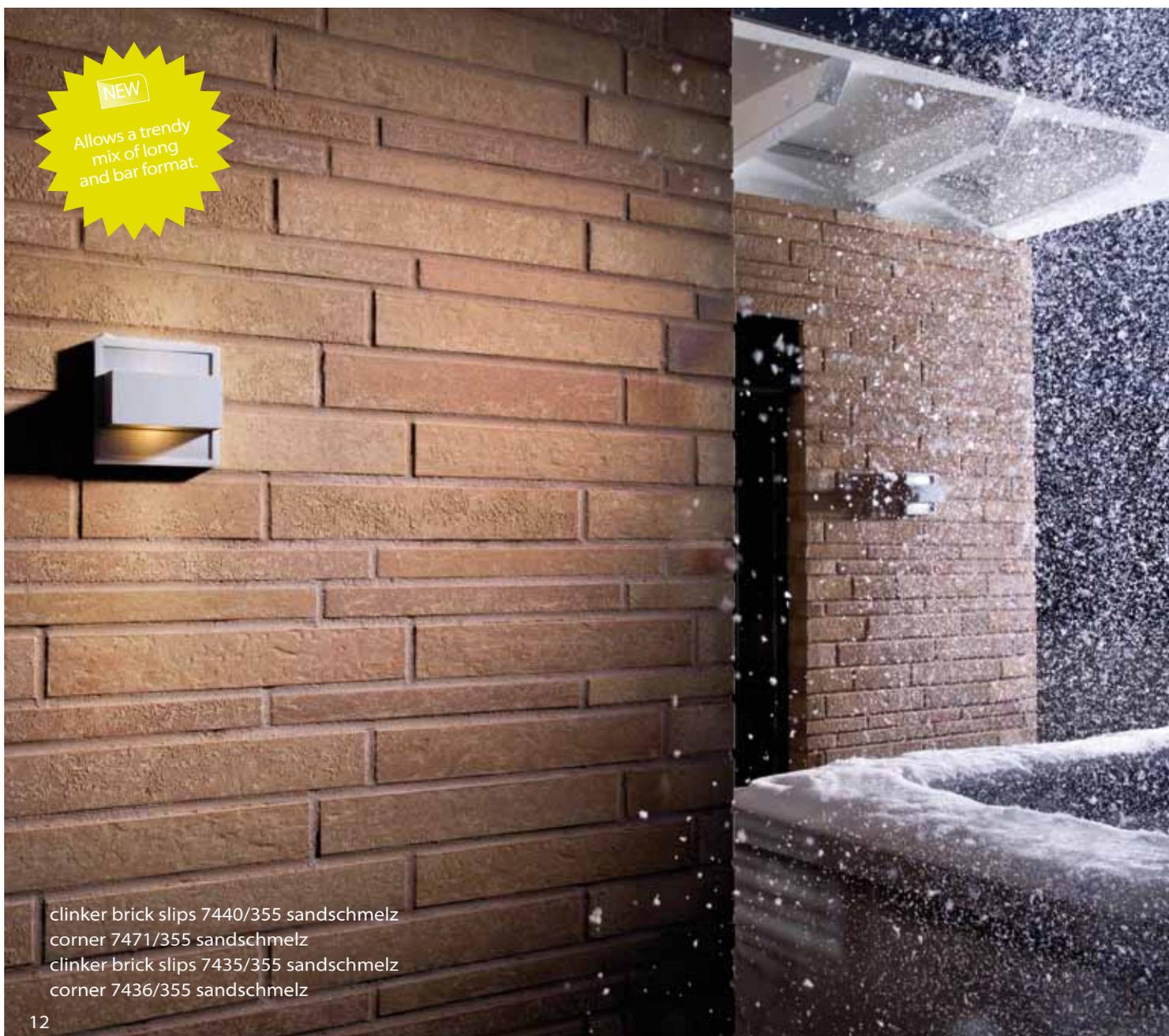
**Structured and  
patinated surface**

**Full-Body**

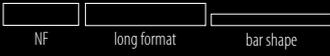
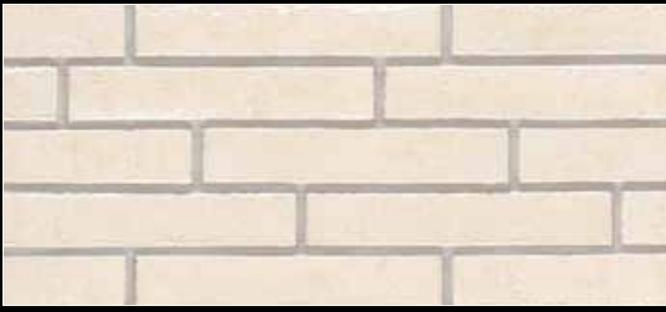
# ZEITLOS ARCHAIC. TECHNICALLY PERFECT. ENERGY-CONSCIOUS.



Brick expressionism: old exposed brickwork is having a renaissance. It is almost as if we are happy to have facades crumbling both inside and out. Also mixed. Two high-end sizes in long format 400 x 71 mm and bar shape 400 x 35 mm as well as in NF format 240 x 71 mm allow this trend look. Zeitlos, the extra strong 14 mm thick patina brick slip in quality frost-proof high-tech extruded sinter adds a timeless touch. There are all sorts of different placing options with variable joint widths and individually customised colour ranges based on nine tailored colour tones providing lots of unique styles. The stylish hand-made looking brick slip with its natural edges is safe to place and easy-care, making it right on trend for facade design even when it comes to the environment, energy and costs.



clinker brick slips 7440/355 sandschmelz  
corner 7471/355 sandschmelz  
clinker brick slips 7435/355 sandschmelz  
corner 7436/355 sandschmelz



351 kalkbrand  
☉ < 3% DIN EN 14411, Gr. A<sub>b</sub>



352 kupferschmelz  
☉ < 3% DIN EN 14411, Gr. A<sub>b</sub>



354 bronzebruch  
☉ < 3% DIN EN 14411, Gr. A<sub>b</sub>

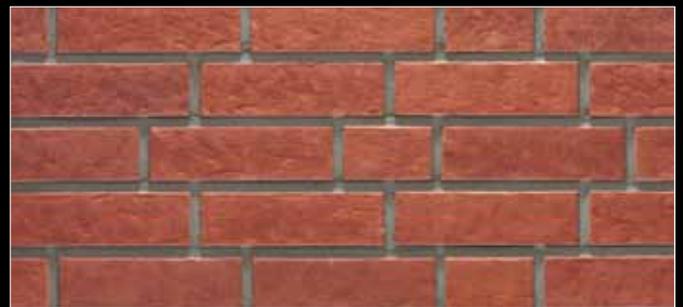


355 sandschmelz  
☉ < 3% DIN EN 14411, Gr. A<sub>b</sub>

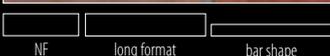
NEW



357 backstein  
☉ < 3% DIN EN 14411, Gr. A<sub>b</sub>



356 erdfeuer  
☉ < 3% DIN EN 14411, Gr. A<sub>b</sub>

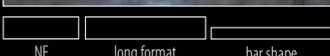


353 eisenrost  
☉ < 3% DIN EN 14411, Gr. A<sub>b</sub>



237 austerrauch  
☉ < 3% DIN EN 14411, Gr. A<sub>b</sub>

NEW



359 kohleglanz  
☉ < 3% DIN EN 14411, Gr. A<sub>b</sub>

A recommendation for installing a mix of long and bar format sizes per m<sup>2</sup> can be found on the range overview on page 36.

**ZEITLOS** unglazed



**MADE IN DILLENBURG**

# RETRO-BRICK WITH SHEEN EFFECT – EXTRA SLIM LONG SHAPE GLANZSTÜCKE NEW

Clean shining vintage look, with a used look texture,  
but still with a smooth surface appearance.

NEW

Extra slim  
long format  
440 x 52 mm

440 x 52 x 14 mm  
long format





# GLANZSTÜCKE NEW VINTAGE LOOK. SHINE EFFECT. EXTRA SLIM.



Extra slim retro brick in long 440 x 52 x 14 mm. Cleaner vintage look with unobtrusive shine effect. With a used look texture, but still with a smooth surface appearance. This brick ensures quick application for laying and turns facades into unmistakable pièces de résistance without the need for joiners. And as a high-tech brick veneer in high sinter quality, it's a pièce de résistance of energy-conscious "shell" design.



House, Austria  
clinker brick slips 2452/Glanzstück № 1  
corner 2453/Glanzstück № 1



NEW

long format 440 x 52 x 14 mm

Glanzstück № 1  
 $\text{H}_2\text{O} < 3\%$  DIN EN 14411, Gr. A<sub>1</sub>



NEW

long format 440 x 52 x 14 mm

Glanzstück № 2  
 $\text{H}_2\text{O} < 3\%$  DIN EN 14411, Gr. A<sub>1</sub>



NEW

long format 440 x 52 x 14 mm

Glanzstück № 3  
 $\text{H}_2\text{O} < 3\%$  DIN EN 14411, Gr. A<sub>1</sub>

## GLANZSTÜCKE unglazed



**MADE IN DILLENBURG**

# THE DISTINCTIVE CLASSIC – ROUGH AND SANDY PROTECTED KERAPROTECT®

Once known as the “Dutch” brick slip –  
now an international success

240 x 71 x 11 mm  
NF



Project  
Residential complex, Estonia  
clinker brick slips 7020  
corner 7021

Residential complex, Germany  
clinker brick slips 7020/417 eindhoven  
clinker brick slips 7020/410 groningen  
corner 7021/417 eindhoven



House, Germany  
clinker brick slips 7020/410 groningen  
corner 7021/410 groningen



# KERAPROTECT® COARSE SAND. UNMISTAKEABLE. CLASSIC.

As rough and grainy as sharkskin is the feel of this classic “Dutch” tile to the touch. The unusual yet appealing clinker look is not the only advantage this sturdy ceramic with the special tunnel kiln quality has to offer. Whether a new development or the renovation of an older structure, the same questions arise again and again: Is heat being lost too quickly to the outside? Is noise entering the building too easily? For noise can be as annoying as the unavoidable costs of material and equipment that come with the regular re-painting of a plaster facade. Keraprotect® offers you true protection against all of these.

Appartment house, Slovenia  
clinker brick slips 7020/415 breda  
corner 7021/415 breda





NF

405 amsterdam  
☉ < 3% DIN EN 14411, Gr. A<sub>1</sub>



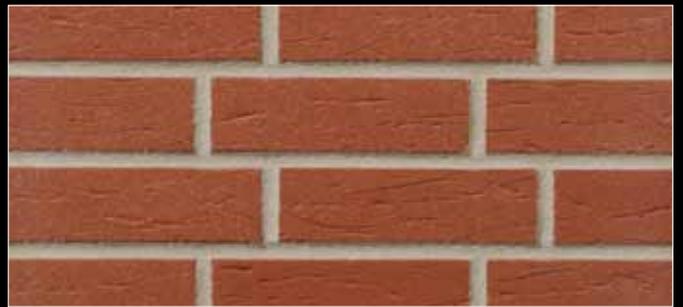
NF

410 groningen  
☉ < 6% DIN EN 14411, Gr. AII<sub>2</sub>-Part 1



NF

413 utrecht  
☉ < 6% DIN EN 14411, Gr. AII<sub>2</sub>-Part 1



NF

415 breda  
☉ < 3% DIN EN 14411, Gr. A<sub>1</sub>



NF

416 rotterdam  
☉ < 3% DIN EN 14411, Gr. A<sub>1</sub>



NF

417 eindhoven  
☉ < 3% DIN EN 14411, Gr. A<sub>1</sub>



NF

429 aardenburg  
☉ < 3% DIN EN 14411, Gr. A<sub>1</sub>



NF

430 den haag  
☉ < 6% DIN EN 14411, Gr. AII<sub>2</sub>-Part 1

**KERAPROTECT®** unglazed



**MADE IN DILLENBURG**

# AGAINST WIND AND WEATHER AND TOO HIGH ENERGY COSTS KERAVETTE®

The perfect price for modern  
and even the latest large-scale architecture.



240 x 71 x 11 mm  
NF

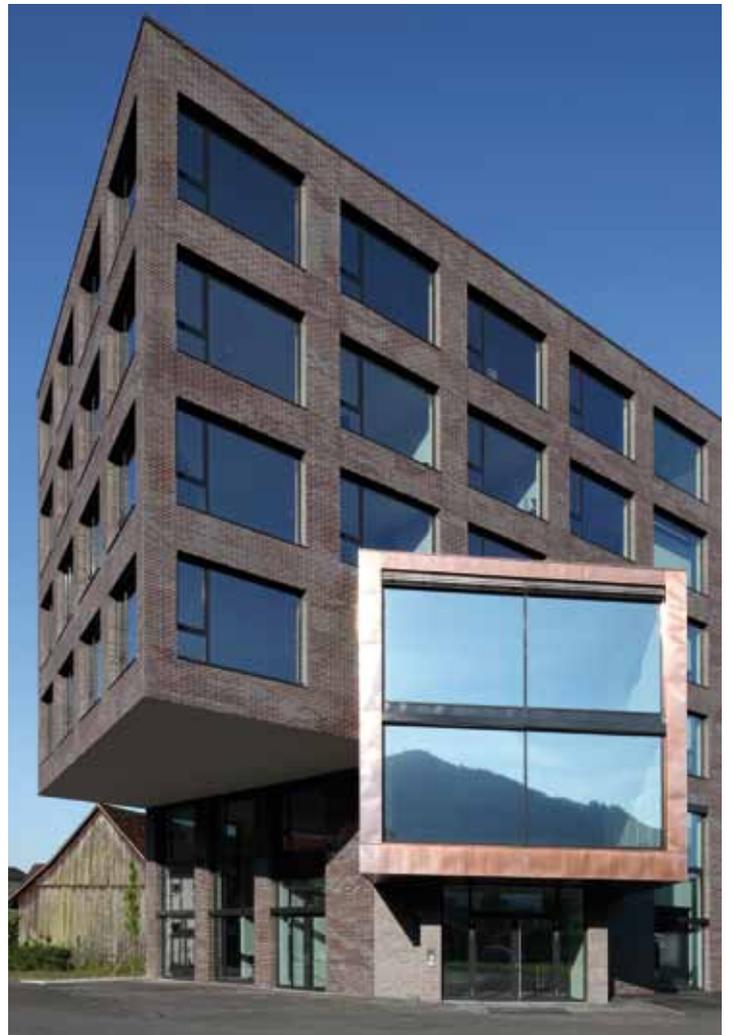
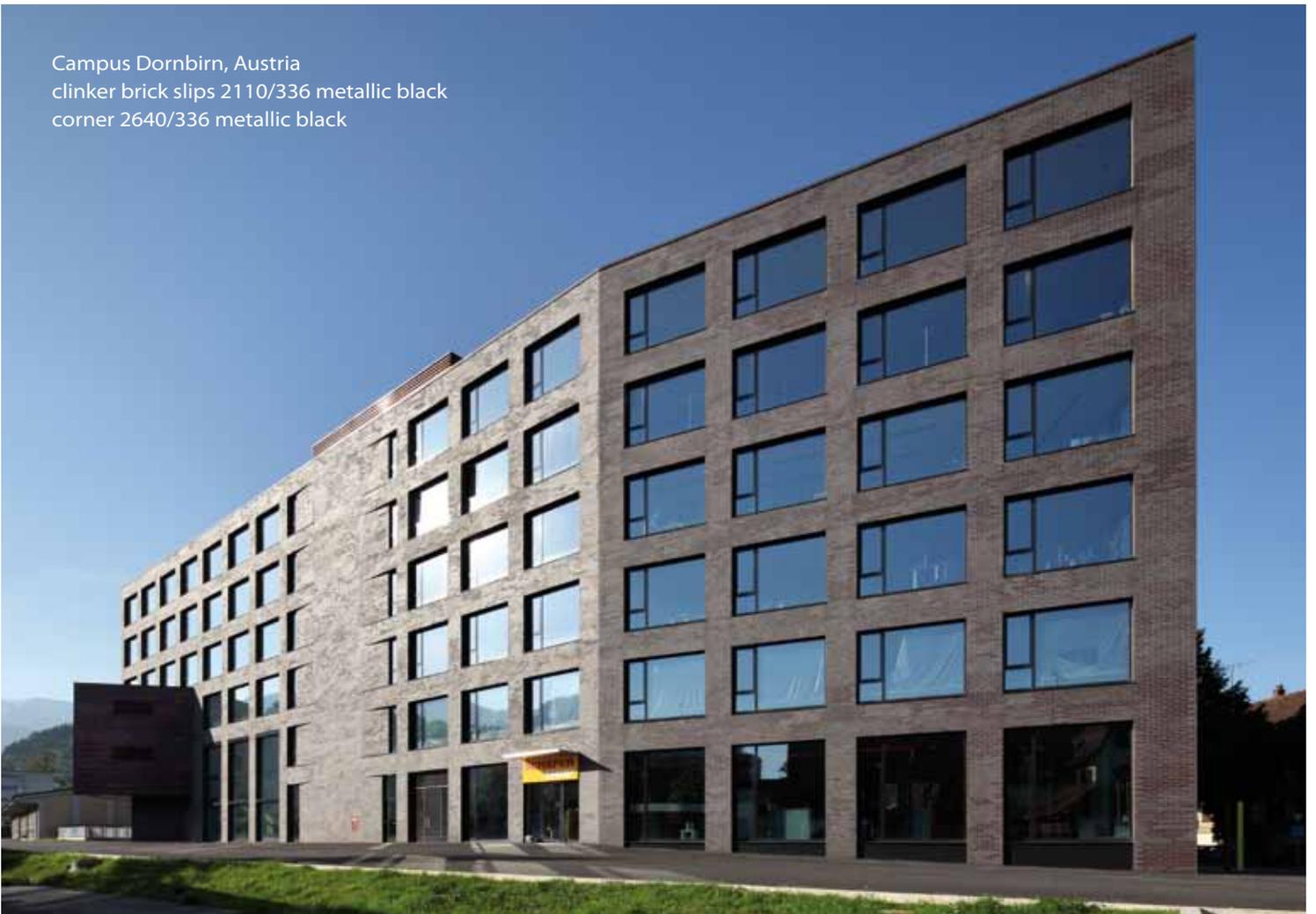
240 x 52 x 8 mm  
DF



Residential complex, London, Great Britain  
clinker brick slips 2110/336 metallic black  
corner 2640/336 metallic black



Campus Dornbirn, Austria  
clinker brick slips 2110/336 metallic black  
corner 2640/336 metallic black



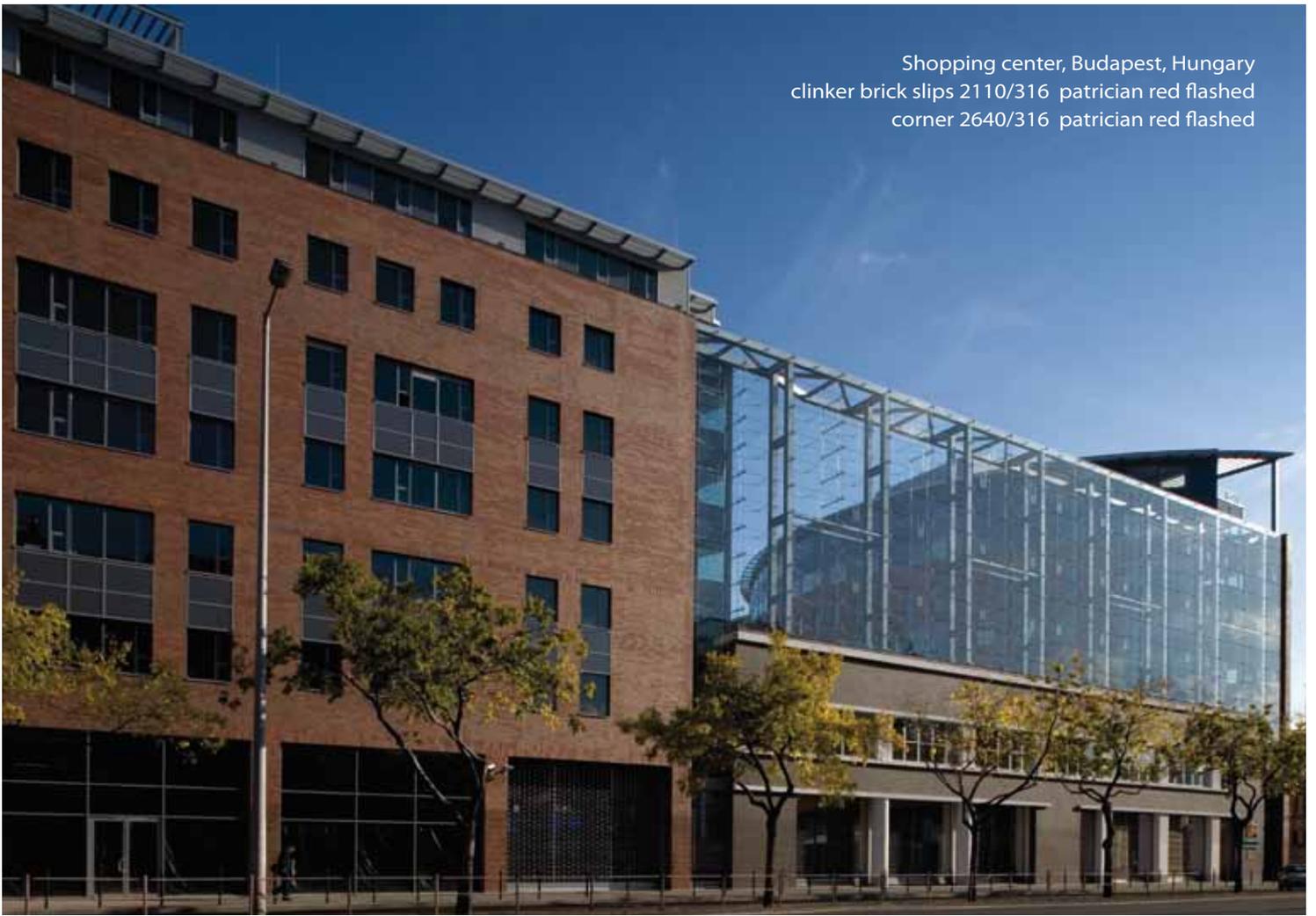
Sports park, Great Britain  
clinker brick slips 2110/336 metallic black  
corner 2640/336 metallic black



# KERAVETTE® UNCOMPLICATED. GLAZED. OR UNGLAZED.

This is how to give a facade a whole new unmistakable and individual look. No wonder the word "facade" has been adopted from the Italian word "faccia" meaning "face". 21 beautiful colour tones, numerous formats and glazed or unglazed surfaces give you a nearly unlimited choice of options. The material thickness of 8 and 11 mm means this classic among clinker brick slips is not only light but, thanks to the especially high firing temperature, it is also extremely robust, completely colourfast, proof against weather and fading, and of course it comes with a 25-year frost resistance warranty.





Shopping center, Budapest, Hungary  
clinker brick slips 2110/316 patrician red flashed  
corner 2640/316 patrician red flashed



Residential complex, London, Great Britain  
clinker brick slips 2110/336 metallic black  
corner 2640/336 metallic black



Commercial building, Birmingham, Great Britain  
clinker brick slips 2110/316 patrician red flashed  
corner 2640/316 patrician red flashed

Campus Dornbirn, Austria  
clinker brick slips 2110/336 metallic black  
corner 2640/336 metallic black

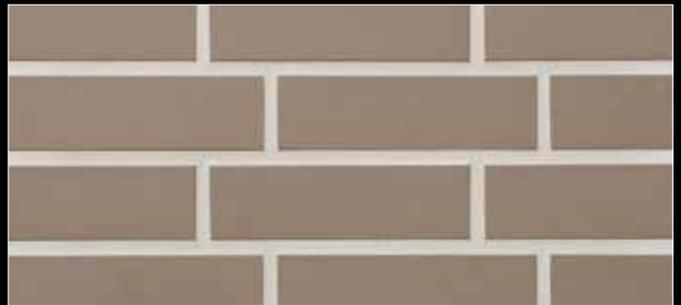


140 white  
☾ < 6% DIN EN 14411, Gr. AII<sub>g</sub>-Part 1

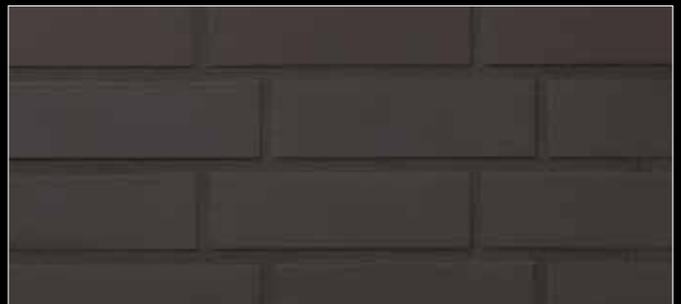


238 aluminium matt  
☾ < 6% DIN EN 14411, Gr. AII<sub>g</sub>-Part 1

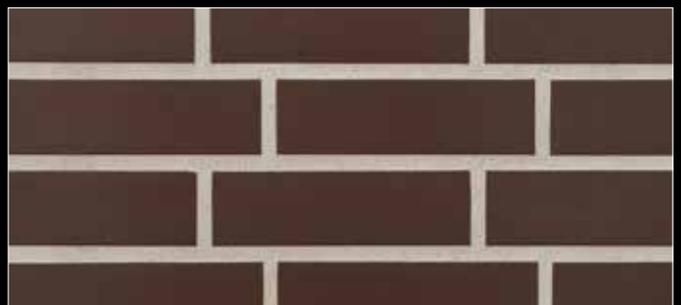
NEW



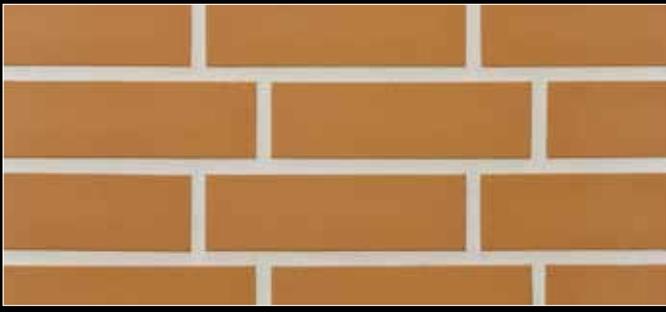
230 grey  
☾ < 3% DIN EN 14411, Gr. AI<sub>g</sub>



330 graphite  
☾ < 6% DIN EN 14411, Gr. AII<sub>g</sub>-Part 1

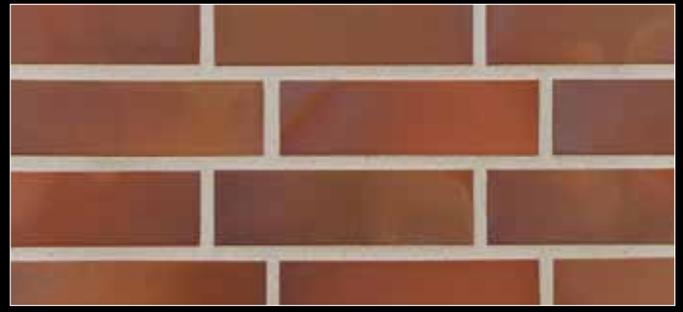


210 brown  
☾ < 3% DIN EN 14411, Gr. AI<sub>g</sub>



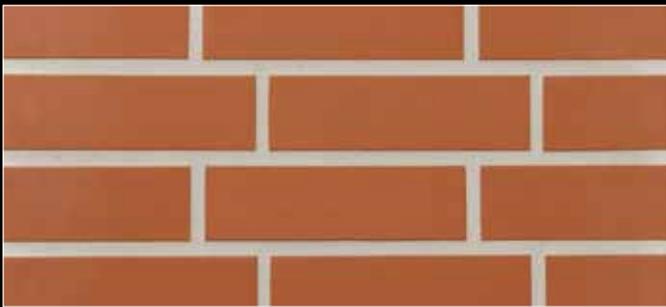
NF

320 sand yellow  
☉ < 6% DIN EN 14411, Gr. AII<sub>g</sub>-Part 1



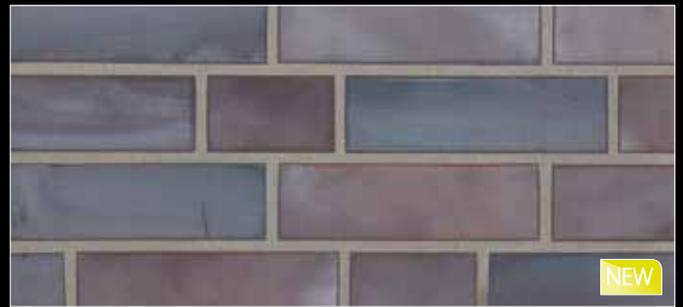
NF

318 palace  
☉ < 3% DIN EN 14411, Gr. AI<sub>g</sub>



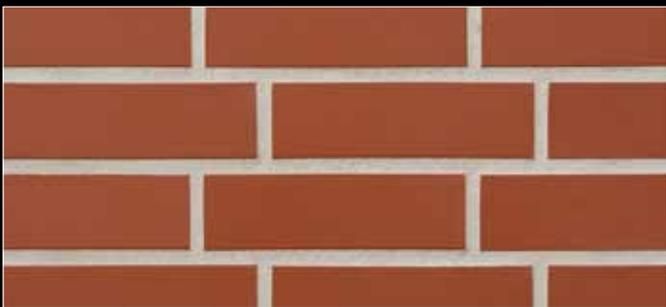
NF

200 saumon  
☉ < 6% DIN EN 14411, Gr. AII<sub>g</sub>-Part 1



NF

325 achatblue flashed  
☉ < 3% DIN EN 14411, Gr. AI<sub>g</sub>



NF DF

215 patrician red  
☉ < 3% DIN EN 14411, Gr. AI<sub>g</sub>



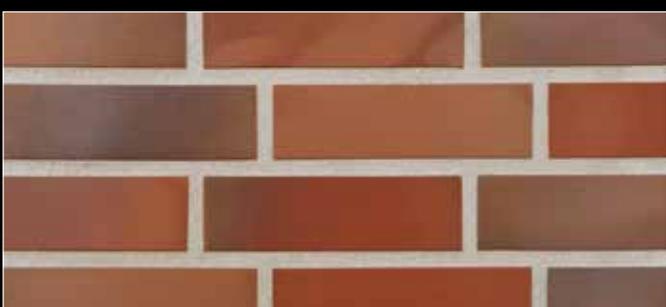
NF

336 metallic black  
☉ < 3% DIN EN 14411, Gr. AI<sub>g</sub>



NF DF

307 wheat  
☉ < 3% DIN EN 14411, Gr. AI<sub>g</sub>



NF DF

316 patrician red flashed  
☉ < 3% DIN EN 14411, Gr. AI<sub>g</sub>

**KERAVETTE®** unglazed

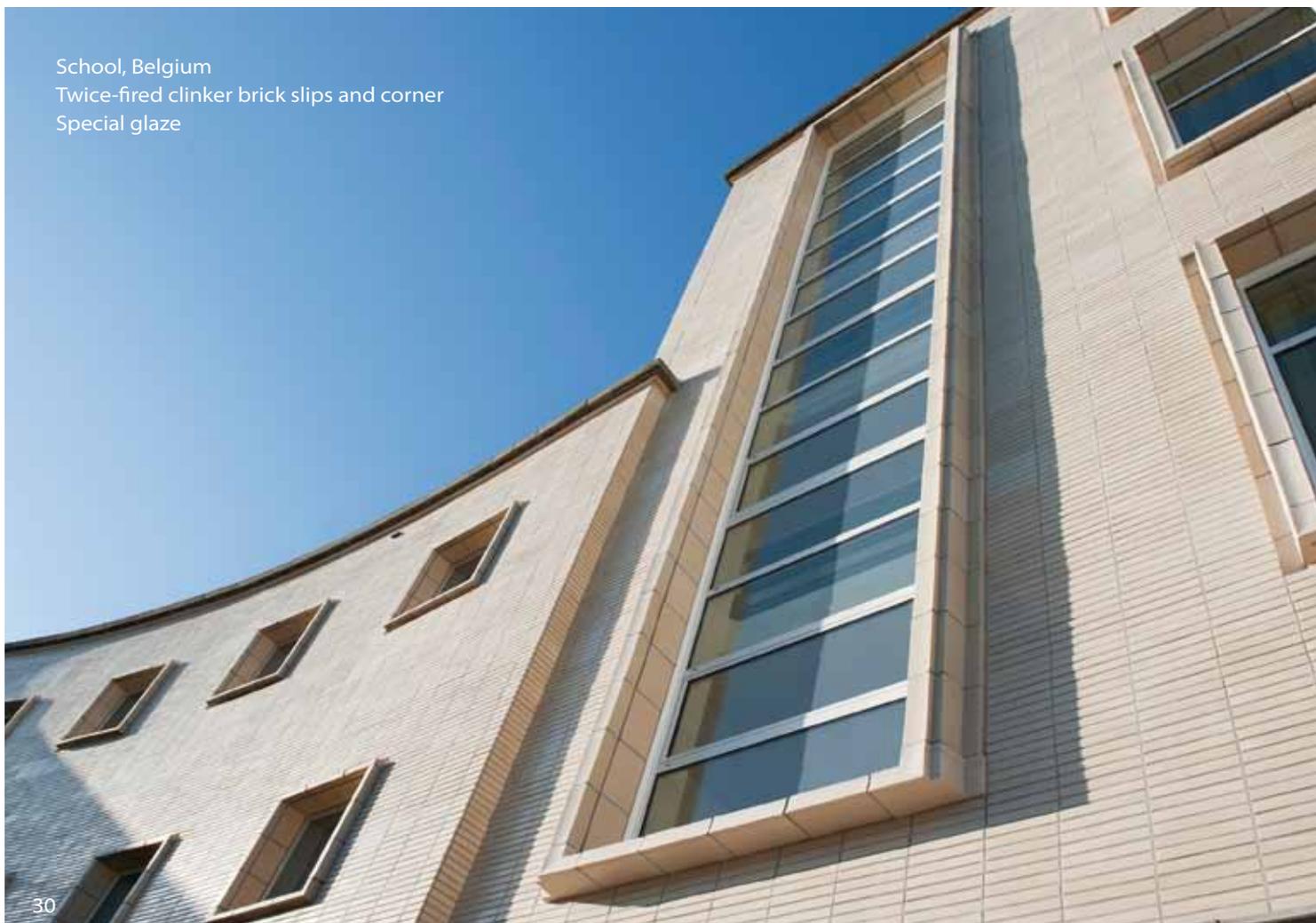


**MADE IN DILLENBURG**

University, Slovenia  
clinker brick slips 2110/319 royal  
corner 2610/319 royal

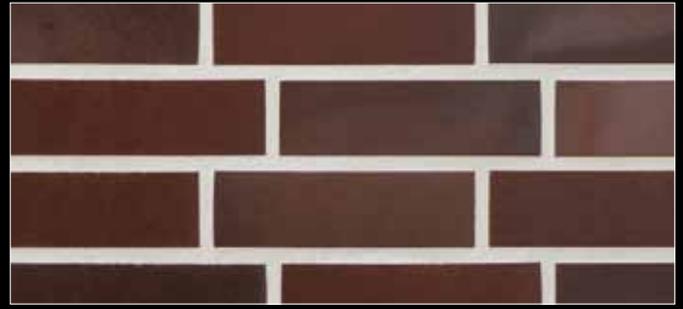


School, Belgium  
Twice-fired clinker brick slips and corner  
Special glaze

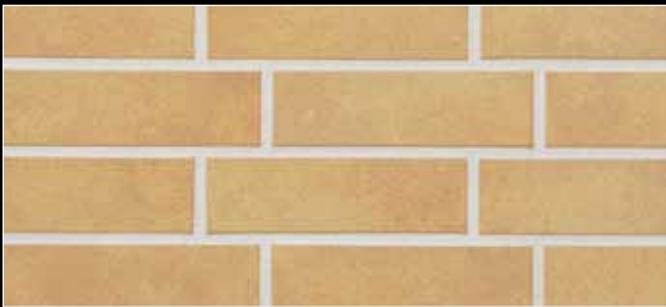




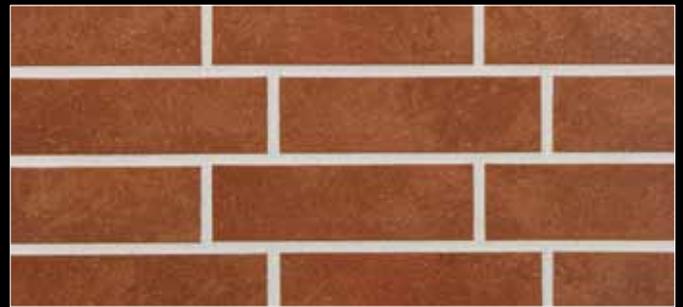
319 royal  
☉ < 3% DIN EN 14411, Gr. A<sub>1</sub>



825 sherry  
☉ < 3% DIN EN 14411, Gr. A<sub>1</sub>



834 giallo  
☉ < 3% DIN EN 14411, Gr. A<sub>1</sub>



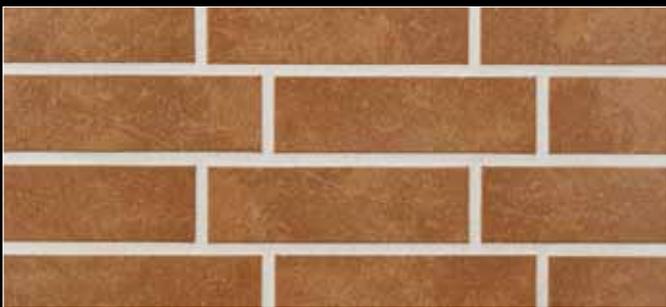
841 rosso  
☉ < 3% DIN EN 14411, Gr. A<sub>1</sub>



835 sandos  
☉ < 3% DIN EN 14411, Gr. A<sub>1</sub>



837 marmos  
☉ < 3% DIN EN 14411, Gr. A<sub>1</sub>



839 ferro  
☉ < 3% DIN EN 14411, Gr. A<sub>1</sub>



840 grigio  
☉ < 3% DIN EN 14411, Gr. A<sub>1</sub>

**KERAVETTE®** glazed



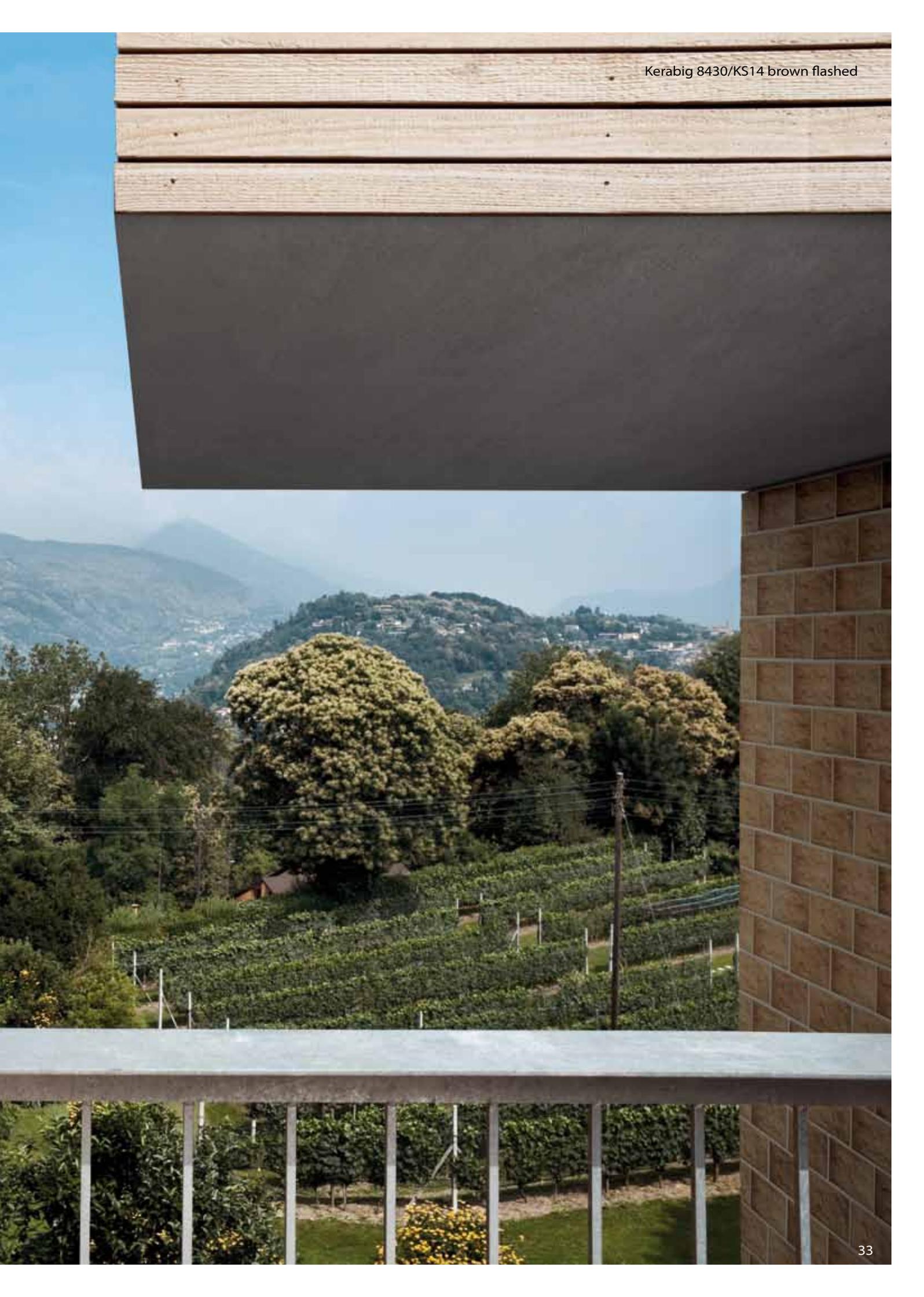
**MADE IN DILLENBURG**

# NATURAL STONE LOOK IN AN ECONOMICALLY LARGE SIZE KERABIG®

Natural stone in ceramic, partially clad or fully clad,  
and always an exciting design highlight.

302 x 148 x 12 mm  
Large format





# KERABIG® NATURAL STONE ACCENTS. ECONOMICAL. LARGE DIMENSIONS.

Whether full or part cladding, the natural stone look lends facades a particular flair. This robust ceramic with the STRÖHER hard glaze comes in six nature-inspired colours taken from granite, slate, basalt, porphyry and sandstone and provides long-term protection against the effects of wind and weather yet is still extremely easy to clean. The actual cost of installation are well below those of natural stone and, when combined with an excellent insulation system, energy maintenance costs are also optimised. The large size format of 15 x 30 cm is an advantage when tiling and a convenient slurry method can be used – for the natural design accent on your facade.





30 x 15

**KS01 white**  
DIN EN 14411, Gr. B<sub>1</sub>



30 x 15

**KS02 yellow**  
DIN EN 14411, Gr. B<sub>1</sub>



30 x 15

**KS03 rose**  
DIN EN 14411, Gr. B<sub>1</sub>



30 x 15

**KS14 brown flashed**  
DIN EN 14411, Gr. B<sub>1</sub>



30 x 15

**KS13 tobacco brown**  
DIN EN 14411, Gr. B<sub>1</sub>



30 x 15

**KS15 chocolate brown**  
DIN EN 14411, Gr. B<sub>1</sub>



30 x 15

**KS06 grey**  
DIN EN 14411, Gr. B<sub>1</sub>



30 x 15

**KS05 anthracite**  
DIN EN 14411, Gr. B<sub>1</sub>

**KERABIG®** glazed

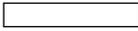
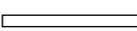


**MADE IN  
DILLENBURG**

# PRODUCT RANGE

## ZEITLOS

unglazed

						
Format no. Description		7470 clinker brick slips	7440 clinker brick slips	7435 clinker brick slips	7471 corner	7436 corner
Colour no./ name	Nominal size	NF	long format	bar shape	NF	bar shape
	Production size (mm)	240 x 71 x 14	400 x 71 x 14	400 x 35 x 14	240 x 115 x 71 x 14	240 x 115 x 35 x 14
<b>352 kupferschmelz</b> <b>354 bronzebruch</b> <b>356 erdfeuer</b>						
<b>351 kalkbrand</b> <b>353 eisenrost</b> <b>355 sandschmelz</b> <b>357 backstein</b> <b>237 austerrauch</b> <b>359 kohleglanz</b>		★ PG 413 ●	★ PG 488 ●	★ PG 477 ●	★ PG 775 ●	★ PG 773 ●
Pieces per bundle		18	18	36	14	21
Pieces per m <sup>2</sup> /rm incl. joint		48,00	29,24	51,64	12,50	21,3
Pieces per pallet		2.070	1.170	2.340	910	1.365
m <sup>2</sup> /rm per bundle		0,375	0,616	0,697	1,120	0,986
m <sup>2</sup> /rm per pallet		43,125	40,014	45,314	72,800	64,085
bundles per pallet		115	65	65	65	65
kg per pallet		1.062	1.000	983	715	532
kg per piece		0,513	0,855	0,420	0,786	0,390
kg per m <sup>2</sup> /rm		24,624	25,000	21,689	9,825	8,307
kg per bundle		9,234	15,390	15,120	11,004	8,190
Surcharge		❖	❖	❖	❖	❖

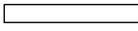
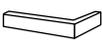


The number required per m<sup>2</sup> for installing mixed long and bar sizes varies depending on the actual mixing ratio, the arrangement of the sizes and on design factors. The following recommendation is therefore only indicative and not binding.

Requirements per m<sup>2</sup>  
Format 7440: 19 pieces  
Format 7435: 24 pieces

## GLANZSTÜCKE

unglazed

			
Format no. Description		2452 clinker brick slips	2453 corner
Colour no./ name	Nominal size	long format	DF
	Production size (mm)	440 x 52 x 14	240 x 115 x 52 x 14
<b>Glanzstück №1</b> <b>Glanzstück №2</b> <b>Glanzstück №3</b>		★ PG 464 ●	★ PG 774 ●
Pieces per bundle		18	14
Pieces per m <sup>2</sup> /rm incl. joint		34,57	15,63
Pieces per pallet		1.170	1.092
m <sup>2</sup> /rm per bundle		0,52	0,90
m <sup>2</sup> /rm per pallet		33,84	69,87
bundles per pallet		65	78
kg per pallet		796	633
kg per piece		0,680	0,580
kg per m <sup>2</sup> /rm		23,508	9,065
kg per bundle		12,240	8,120
Surcharge		❖	❖

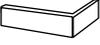
## KERAPROTECT®

unglazed

			
Format no. Description		7020 clinker brick slips	7021 corner
Colour no./ name	Nominal size	NF	NF
	Production size (mm)	240 x 71 x 11	240 x 115 x 71 x 11
<b>415 breda</b>		★ PG 11 ●	
<b>416 rotterdam</b>		★ PG 14 ●	
<b>405 amsterdam</b> <b>410 groningen</b> <b>413 utrecht</b> <b>417 eindhoven</b> <b>429 aardenburg</b> <b>430 den haag</b>		★ PG 17 ●	★ PG 77 ●
Pieces per bundle		24	16
Pieces per m <sup>2</sup> /rm incl. joint		48,00	12,50
Pieces per pallet		2.208	1.040
m <sup>2</sup> /rm per bundle		0,50	1,28
m <sup>2</sup> /rm per pallet		46,00	83,20
bundles per pallet		92	65
kg per pallet		919	593
kg per piece		0,416	0,570
kg per m <sup>2</sup> /rm		19,968	7,125
kg per bundle		9,984	9,120
Surcharge		❖	❖

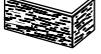
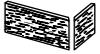
## KERAVETTE®

unglazed

					
Format no. Description		7960 brick slip with text. struct.	2110 brick slip	2640 corner	
Colour no./ name	Nominal size	DF	NF	NF	
	Production size (mm)	240 x 52 x 8	240 x 71 x 11	240 x 115 x 71 x 11	
<b>215 patrician red</b>		★ PG 25 ●	★ PG 35 ●		
<b>307 wheat</b>					
<b>316 patrician red flashed</b>					
<b>330 graphite</b>					
<b>336 metallic black</b>					
<b>325 achatblue flashed</b>				★ PG 77 ●	
<b>318 palace</b>					
<b>200 saumon</b>			★ PG 37 ●		
<b>320 sand yellow</b>					
<b>140 white</b>					
<b>230 grey</b>					
<b>238 aluminium matt</b>					
<b>210 brown</b>					
Pieces per bundle		34	24	16	
Pieces per m <sup>2</sup> /rm incl. joint		67,00	50,00	12,50	
Pieces per pallet		4.692	2.208	1.040	
m <sup>2</sup> /rm per bundle		0,51	0,48	1,28	
m <sup>2</sup> /rm per pallet		70,03	44,16	83,20	
bundles per pallet		138	92	65	
kg per pallet		967	877	613	
kg per piece		0,206	0,397	0,589	
kg per m <sup>2</sup> /rm		13,802	19,850	7,362	
kg per bundle		7,004	9,528	9,424	
Surcharge		❖	❖	❖	

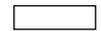
## KERABIG®

glazed

				
Format no. Description		8430 Kerabig®	8431 corner piece	8432 miter cut corner pair
Colour no./ name	Nominal size	30 x 15	15	15
	Production size (mm)	302 x 148 x 12	221 x 71 x 148 x 12	221 x 71 x 148 x 12
<b>KS 01 white</b>				
<b>KS 02 yellow</b>				
<b>KS 03 rose</b>				
<b>KS 05 anthracite</b>		★ PG 461 ●	PG 95 ○	PG 87 ○
<b>KS 06 grey</b>				
<b>KS 13 tobacco brown</b>				
<b>KS 14 brown flashed</b>				
<b>KS 15 chocolate brown</b>				
Pieces per bundle		18	10	10
Pieces per m <sup>2</sup> /rm incl. joint		21,00	6,45	6,45
Pieces per pallet		936	-	-
m <sup>2</sup> /rm per bundle		0,86	1,55	1,55
m <sup>2</sup> /rm per pallet		44,57	-	-
bundles per pallet		52	-	-
kg per pallet		897	-	-
kg per piece		0,958	0,898	0,898
kg per m <sup>2</sup> /rm		20,118	5,792	5,792
kg per bundle		17,244	8,980	8,980
Surcharge		❖	❖	❖

## KERAVETTE®

glazed

					
Format no. Description		8071 brick slip with text. struct.	7960 brick slip with text. struct.	2110 brick slip	2610 corner
Colour no./ name	Nominal size	NF	DF	NF	NF
	Production size (mm)	240 x 71 x 8	240 x 52 x 8	240 x 71 x 11	175 x 71 x 52 x 11
<b>834 giallo</b>		★ PG 37 ●			
<b>840 grigio</b>					
<b>835 sandos</b>		★ PG 32 ●			
<b>837 marmos</b>					
<b>839 ferro</b>					
<b>841 rosso</b>					
<b>319 royal</b>				★ PG 37 ●	★ PG 76 ●
<b>825 sherry</b>			★ PG 29 ●		
Pieces per bundle		51	34	24	28
Pieces per m <sup>2</sup> /rm incl. joint		50,00	67,00	50,00	12,50
Pieces per pallet		4.131	4.692	2.208	1.680
m <sup>2</sup> /rm per bundle		1,02	0,51	0,48	2,24
m <sup>2</sup> /rm per pallet		82,62	70,03	44,16	134,40
bundles per pallet		81	138	92	60
kg per pallet		1.239	967	877	603
kg per piece		0,300	0,206	0,397	0,359
kg per m <sup>2</sup> /rm		15,000	13,802	19,850	4,488
kg per bundle		15,300	7,004	9,528	10,052
Surcharge		❖	❖	❖	❖



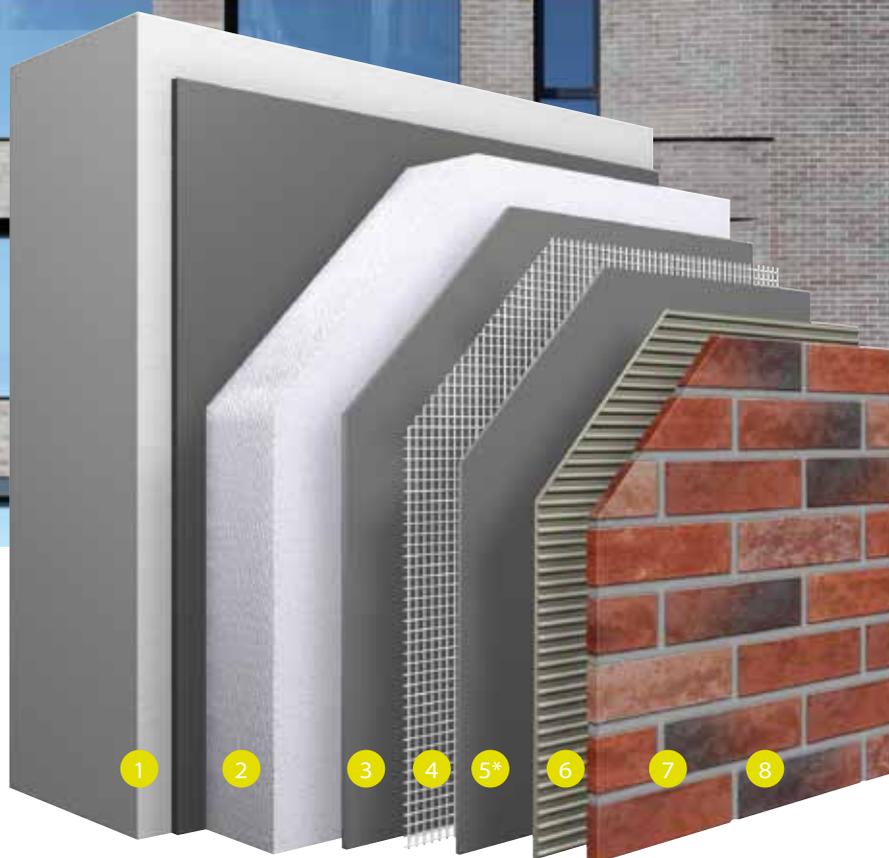
**MADE IN DILLENBURG**

- ★ = Discount on pallets.
- = Normally available ex stock.
- PG = Price group (see price list 2013)
- ❖ = Minimum quantity: each open box will incur a surcharge of € 10.
- = made to order – delivery terms upon request.

The formats shown are illustrative drawings and are not binding.  
All information without guarantee.

\* STRÖHER is the only German manufacturer offering a 25-year frost resistance guarantee on the following extruded products that have been correctly installed by a qualified professional tiler: Keraplatte® Aera X, Keraplatte® Roccia X, Keraplatte® Asar X, Keraplatte® Aera, Keraplatte® Aera T, Keraplatte® Roccia, Keraplatte® Asar, Keraplatte® Terra, Keraplatte® Duro, TerioTec® terrace slabs, TerioTec® X terrace slabs, TerioTec® X Profile terrace slabs, Zeitlos, Glanzstücke, Keravette®, Keraprotect® and Stalotec®. Please find further explanations in our general terms and conditions.

# EXTERIOR INSULATION AND FINISHING SYSTEMS WITH STRÖHER CLINKER BRICK SLIPS



Clinker brick slips from STRÖHER can be combined perfectly in conventional installation with all commercial systems such as classic EIFS systems of mineral wool, polystyrene or polyethylene, joint alignment systems or thermal panels based on PU or PE. STRÖHER clinker brick slips more than meet the requirements of the German standard on facades regarding pore volume ( $> 20 \text{ mm}^3$ ) and maximum pore radius ( $> 0.2 \mu\text{m}$ ).

#### SAMPLE SYSTEM DESIGN:

- 1 Adhesion
- 2 Insulation
- 3 Rendering
- 4 Reinforcing
- 5\* Dowelling through the reinforcement  
\* not shown
- 6 Adhesive mortar
- 7 Clinker brick slips
- 8 Grout

# THIS IS HOW TO DO IT: APPLYING CLINKER BRICK SLIPS CORRECTLY TO A FACADE

**Preparation:** Before applying the slips, the visible dimensions of the window and door lintels need to be worked out. It is rare that the reveal and lintel measurements correspond to the standard brick slip sizes. This is why the joints between the brick slips need to be adjusted. The overview dimensions calculated are then also transferred to the outside corners.

**Procedure:** After working out the heights at the corners of the walls, the angles at the outer corners are applied using the floating-buttering method. "Floating" describes the application of the adhesive using a notched trowel in medium-bed adhesive. "Buttering" means coating the back of the brick slip with adhesive using a spatula or trowel. Before the surface is worked, the connections between stretches of masonry first need to be determined. In most cases, 'disordered' joining is recommended in which five head ends per square metre are included. The head visually forms the front end of an entire brick and in the case of clinker slips is cut from the surface using a tile cutter or a radial cutter.

**Jointing:** After applying the clinker slips and after a corresponding drying time (see the adhesive manufacturer's instructions), a start can be made on grouting. Clinker slips with smooth surfaces can be processed by the slurry method. There are a number of grouts on the market but some have plastic and pigment additives. For this reason, you should always consult the mortar manufacturer regarding suitability before choosing the grout. All rough, patinated and textured surfaces are grouted with a conventional pointing trowel and a metal float.



Window lintel perfectly replicated with angles.



The corner angles are worked using the floating-buttering method.



Use a string to plumb the clinker area. The clinker slips are pressed into the adhesive bed.



The finished surface. Grouting can be done after the appropriate drying time.



## CONVENTIONAL GROUTING WITH POINTING TROWEL

The following STRÖHER series must be grouted by conventional methods  
- Zeitlos  
- Keraprotect®

Grouting using pointing trowel and metal float along the horizontal.



The vertical joints can be finished more easily with a smaller pointing trowel.



Jointing with a trowel allows you to create different looks.



Sweeping out the joint gives it a corresponding structure.



The finished joint pattern. Full masonry stretches are grouted at one go.



## GROUTING USING THE SLURRY METHOD

The following STRÖHER series can be grouted with the slurry method  
- Glanzstücke  
- Keravette® unglasiert  
- Keravette® glasiert  
- Kerabig®

With the slurry method, the joints are filled diagonally with the grouting or plaster float. Walls should be worked from top to bottom.



The excess grout is washed off diagonally using a plaster float with a sponge or foam pad.



The finished joint pattern after slurry treatment. A wall surface from the Glanzstücke series.



**ströher**<sup>®</sup>  
Clinker. Ceramics. Competence.

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**KLINKER-ENGINEERING**  
**MADE IN DILLENBURG**