

Catalogue Clinker brick slips 2019/2020

# VALUES THAT WORK. STATEMENTS THAT FIT.

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# **CLINKER BRICK SLIPS** PAGE 4 **ZEITLOS** The high tech patina brick-slip in sintered 60 clinker quality and premium strength. **KERAPROTECT®** The distinctive classic. 66 Rough and sandy protected. **KERAVETTE®** Against wind and weather. 70 And too high energy costs. **KERABIG®** Natural stone look in an 76 economically large size. **INFORMATION PAGE 80** 80 Application How to apply clinker brick slips correctly to a facade

82

### Imprint

Errors and changes reserved.

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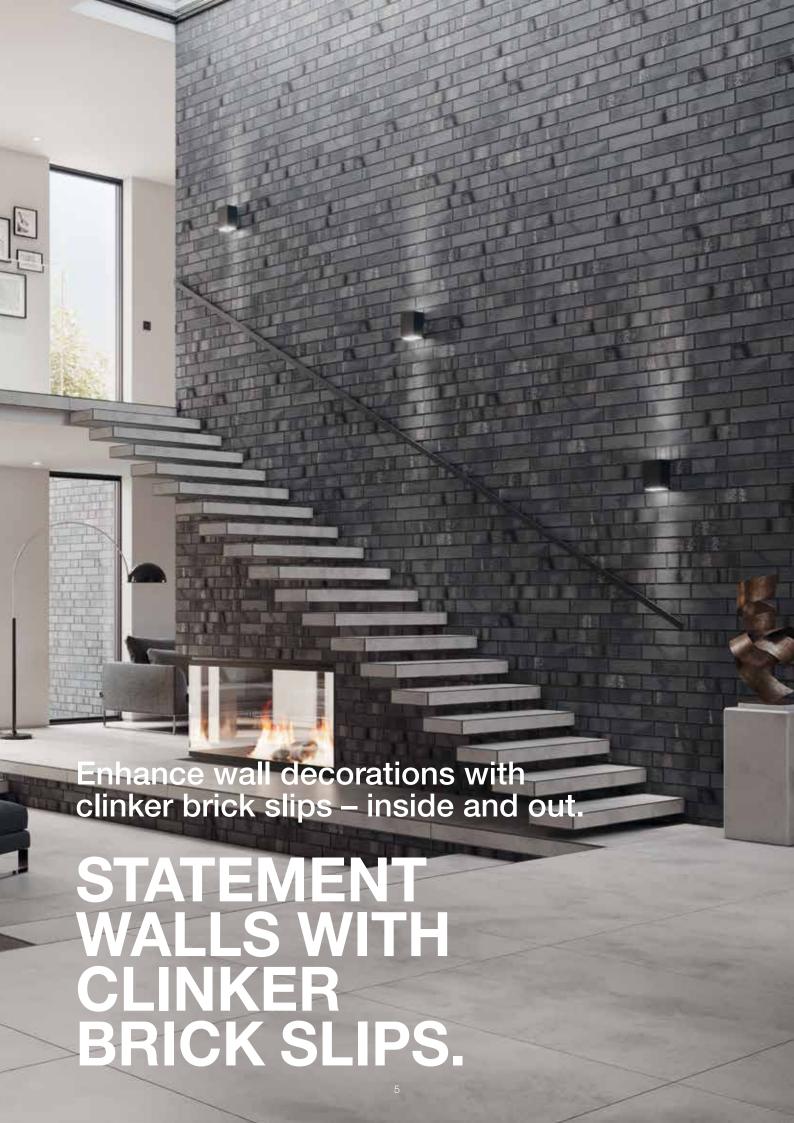
Outdoor tested frost proof:

Functional ceramics with membrane effect.

Concept, text and design: Ströher GmbH © Ströher GmbH, 2019
Date July 2019, Printed in Germany

Frost resistance







Clinker brick slip walls do not crumble. Even if you scratch the surface.

Our clinker brick slips range from understatement to statement.

In a variety of textures. From soft water-struck effects or a striking coal-fired look.

In classic NF/DF formats.

Or in the sophisticated bar format with a length of 60 cm.

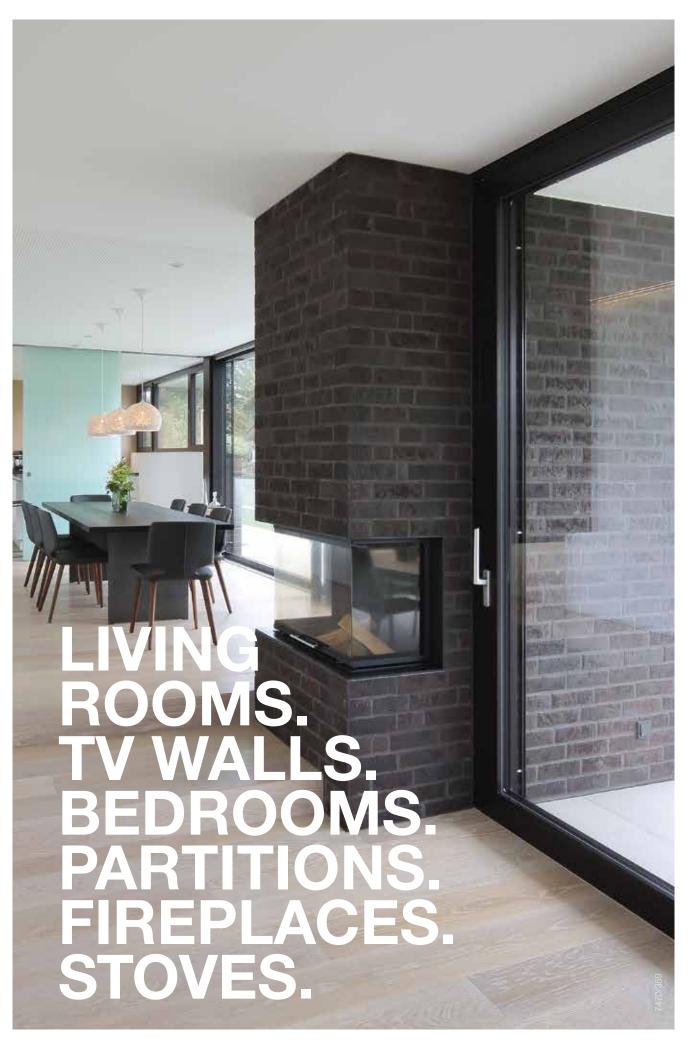
So the facade is not just a facade, it's a real statement.

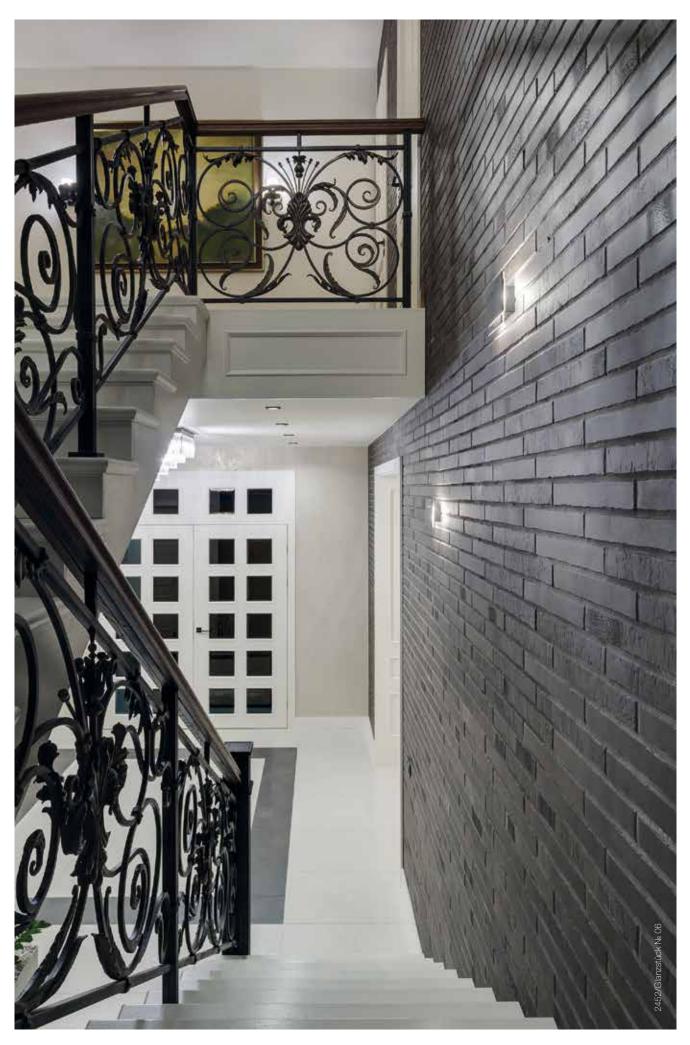


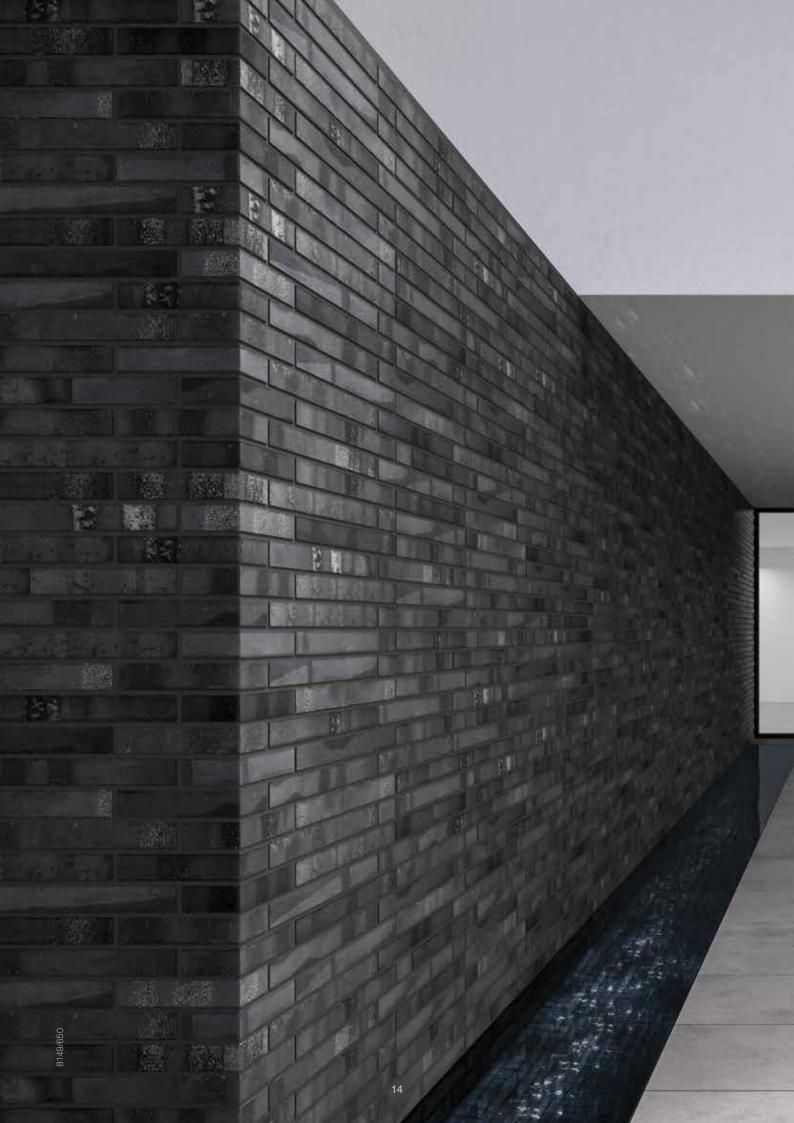










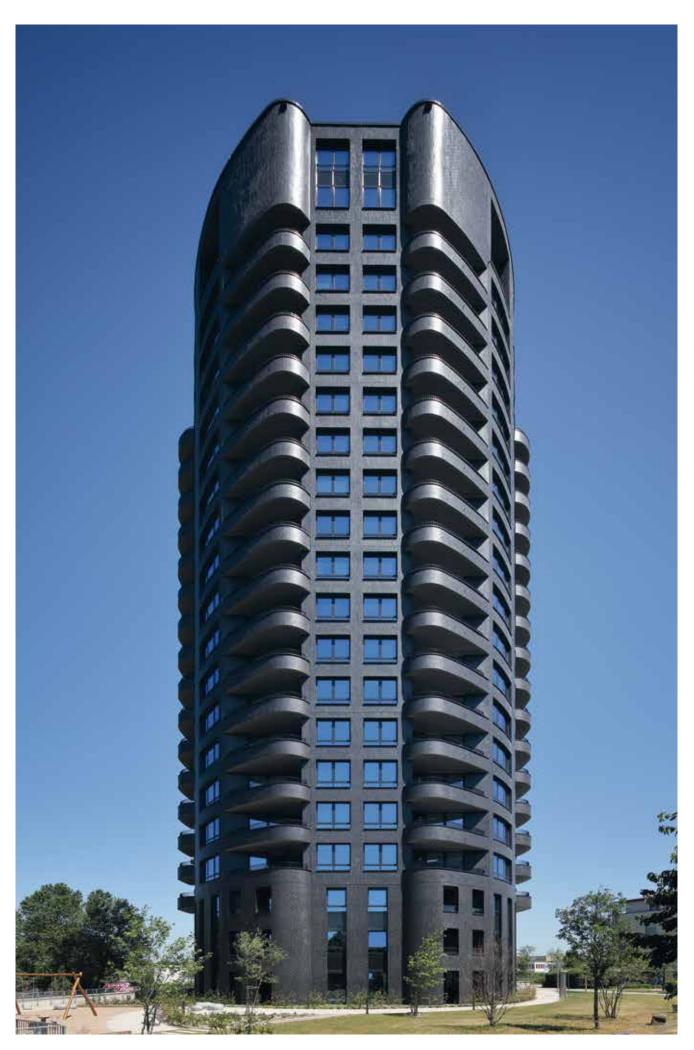












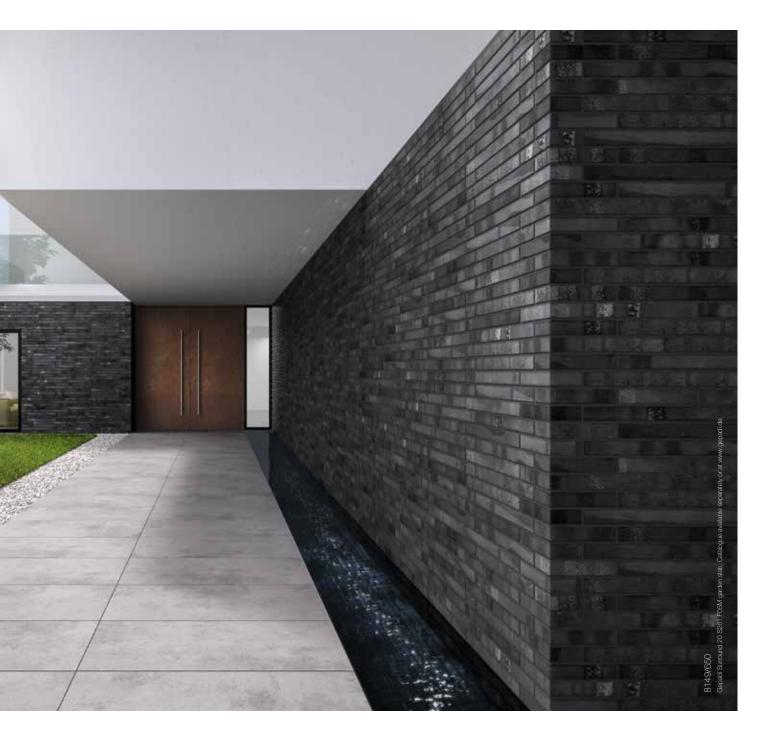




# BRICK 60 EW



MULTIFACETED CLINKER DETAILS – STRONG PROPORTIONS.



### IMPOSING CLINKER CONTOURING IN AN IMPRESSIVE EXTRA LONG FORMAT.

Brick 60 is the result of cutting-edge high-tech clinker engineering - extruded in impressive 60 cm length full-body. The innovative surface contouring has an old-style authentic appearance, but with modern accents. In an expressive coal-fired look. Or gently rough water-struck. Brick 60 defines a new dimension of clinker brick slips. In terms of format. And appearance: extra long. Impressive. State of the Art.

# BRICK 60 NEW

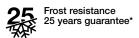
# EXTRA LONG. IMPRESSIVE. STATE OF THE ART.

# FIRINGS AND FORMATS











### BRICK 60

DIN EN 14411				
format no.	8149	8141	8143	
description	clinker brick slips	corner 1)	lintel angle	
nominal size (cm)	Riegel	DF	DF	
production size (mm)	590 x 52 x 12	240 x 50 x 52 x 12	240 x 52 x 50 x 12	
650 eisenschwarz 652 moorbraun	★ PG 49 ●	<b>★</b> PG 757 ●	★ PG 794 ○	
670 sandweiß		★ PG 752 ●	★ PG 777 ○	
pieces per bundle	25	22	18	
pieces per m²/rm incl. joint	25,96	16,13	4,00	
pieces per pallet	1.000	1.430	972	
m²/rm per bundle	0,96	1,36	4,50	
m²/rm per pallet	38,52	88,65	243,00	
bundles per pallet	40	65	54	
kg per pallet	800	490	573	
kg per piece	0,800	0,343	0,590	
kg per m²/rm	20,768	5,533	2,360	
kg per bundle	20,000	7,546	10,620	
surcharge	*	*	*	

★ = Discount on pallets. ● = Normally available ex stock. ○ = Made to order - delivery terms upon request. PG = Price group (please see current price list).

◆ = Minimum quantity: each open box will incur a surcharge. ¹¹ = The Ströher standard for angular accuracy in angled brick slips is based on the DIN 105 standard for exposed clinker brickwork, but with only 50% of the permissible tolerance values. The Ströher specification is thus +/- 1°. This equates to a maximum deviation of +/- 4 mm on the stretcher

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

side and  $\pm$ /- 2 mm on the header side for a corner with the 240 x 115 mm format.

\* 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® Selected, Keraplatte® Care, Keraplatte® Gravel Blend, Keraplatte® Epos, Keraplatte® Aera T, Keraplatte® Aera, Keraplatte® Roccia X, Keraplatte® Roccia, Keraplatte® Roccia, Keraplatte® Aera, Keraplatte® Duro, Terrace slab TerioTec® X Profile, Terrace slab TerioTec® X, Terrace Slab TerioTec®, Stalotec®, Brickwerk, Brick 60, Wasserbrand, Kontur, Stiltreu, Riegel 50, Handstrich, Steinlinge, Glanzstücke, Zeitlos, Keraprotect® and Keravette®. Please find further explanations in our general terms and conditions.























Completely frost-resistant Suitable for \*25 year guarantee insulation systems

Wheaterproof

Economic

In compliance with DIN EN

Fade-free and colourfast

Easy maintenance and hygienic

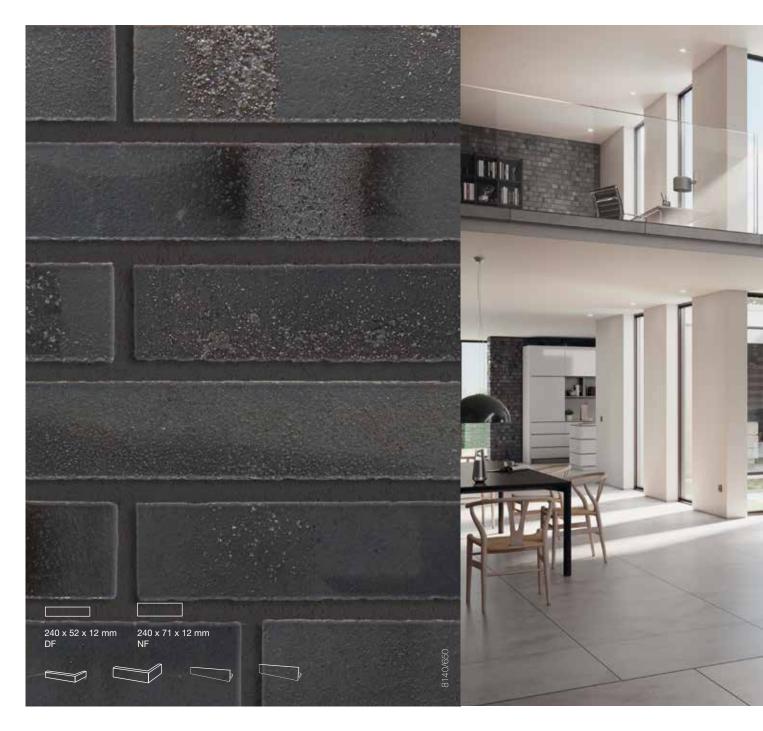
Ecofriendly

chemicals

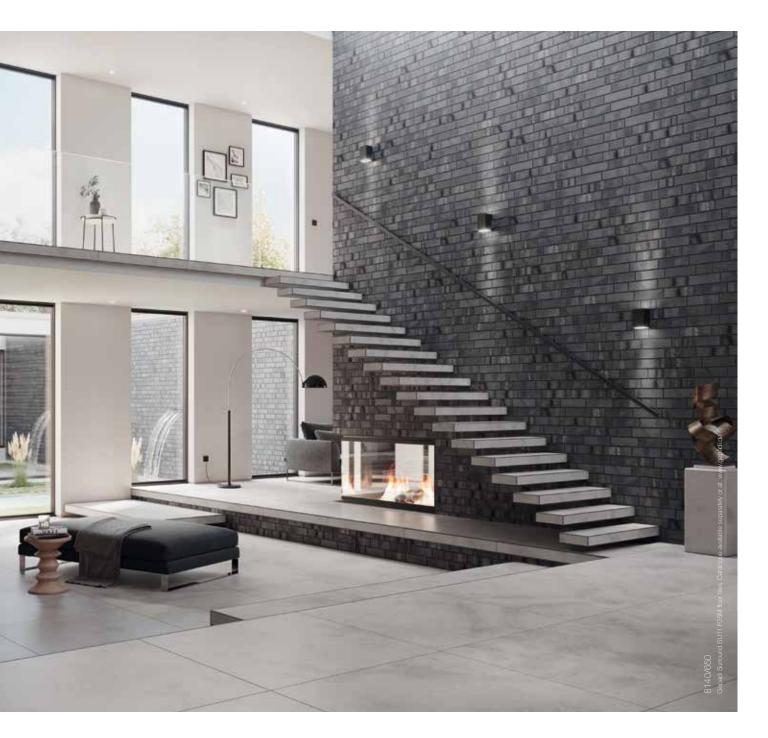
and fireproof

Anti-static

# **BRICKWERK**



EXPRESSIVE COAL FIRING AND RING FURNACE LOOK, INNOVATIVELY ACCENTED.



### AUTHENTIC COAL FIRING AND RING FURNACE CONTOURING ON FULL BODY.

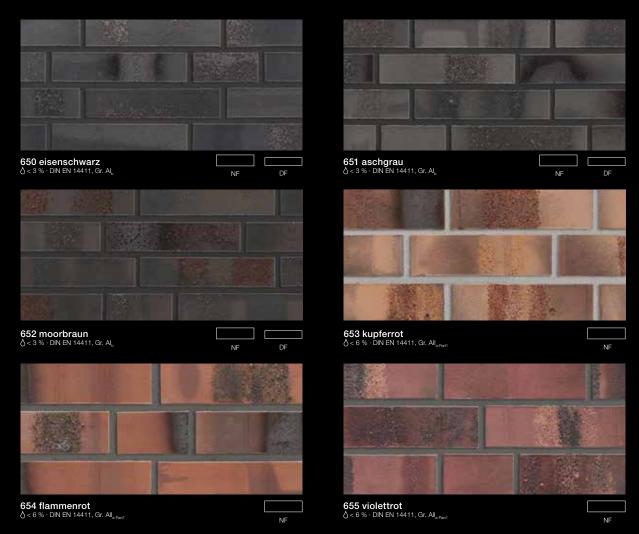
Intensive colouring, pronounced bulges and prints, set marks, burn outs and sooty smoke flags on the firing skin: authentic and innovative, Brickwerk reinterprets the typical coal firing and ring furnace look of historic clinker bricks.

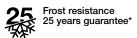
Entirely without aggregates such as coal or peat, the traditional clinker production is revolutionised with state-of-the-art, high-tech glaze technology. Innovative surface technology powerfully accentuates the surface of the Brickwerk clinker brick slips, which are coloured right through. Haptic as well as optical effects. Intense colour brilliance; full of character. While also being completely natural and resource-friendly. Brickwerk is available in six colours in NF/DF format.

# BRICKWERK NEW

# AUTHENTIC. INTENSIVE COLOUR BRILLIANCE. FULL-BODY.

# FIRINGS AND FORMATS







### **BRICKWERK**

DIN EN 14411						
format no.	8145	8140	8146	8141	8148	8143
description	clinker brick slips	clinker brick slips	corner 1)	corner 1)	lintel angle	lintel angle
nominal size (cm)	NF	DF	NF	DF	NF	DF
production size (mm)	240 x 71 x 12	240 x 52 x 12	240 x 50 x 71 x 12	240 x 50 x 52 x 12	240 x 71 x 50 x 12	240 x 52 x 50 x 12
650 eisenschwarz 651 aschgrau 652 moorbraun	★ PG 445 ●	★ PG 445 ●	* PG 763 ●	★ PG 757 ●	★ PG 81 ○	★ PG 794 ○
653 kupferrot 654 flammenrot 655 violettrot	★ PG 448 ●		* PG 766 ●		★ PG 82 ○	
pieces per bundle	39	52	22	22	12	18
pieces per m²/rm incl. joint	48,00	64,00	12,50	16,13	4,00	4,00
pieces per pallet	3.159	4.212	1.430	1.430	912	972
m²/rm per bundle	0,81	0,81	1,76	1,36	3,00	4,50
m²/rm per pallet	65,81	65,81	114,40	88,65	228,00	243,00
bundles per pallet	81	81	65	65	76	54
kg per pallet	1.374	1.474	679	490	648	573
kg per piece	0,435	0,350	0,475	0,343	0,710	0,590
kg per m²/rm	20,880	22,400	5,938	5,533	2,840	2,360
kg per bundle	16,965	18,200	10,450	7,546	8,520	10,620
surcharge	*	*	*	*	*	*

- ★ = Discount on pallets. = Normally available ex stock. = Made to order delivery terms upon request. PG = Price group (please see current price list).
- = Minimum quantity: each open box will incur a surcharge.
  1) = The Ströher standard for angular accuracy in angled brick slips is based on the DIN 105 standard for exposed clinker brickwork, but with only 50% of the permissible tolerance values. The Ströher specification is thus +/- 1°. This equates to a maximum deviation of +/- 4 mm on the stretcher side and  $\pm$  2 mm on the header side for a corner with the 240 x 115 mm format.

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DIN EN ISO















Wheaterproof

Economic

In compliance with DIN EN

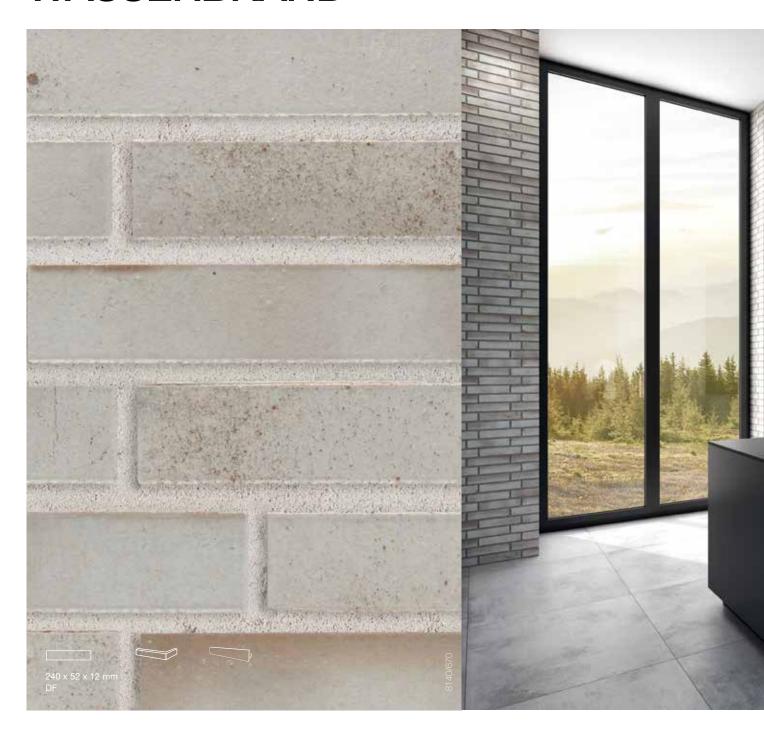
colourfast and hygienic

Ecofriendly

Resistant to chemicals

Glow-resistant and fireproof

# **WASSERBRAND**



GENTLY ROUGH WATER-STRUCK LOOK WITH MODERN ACCENTS.



# CONFIDENT HISTORICAL WATER-STRUCK CONTOURING ON THE FULL BODY.

The light nuanced shades appear lovely but still sharp. The gently rough surfaces and detailed structures are furrowed by water and powerful. It is the skilful blend of untamed and yet delicate accents that gives this simple yet expressive clinker brick slip its striking contemporary look. Because, here, the look of historical water-struck bricks is not manufactured in traditional solid brick, but extruded as a modern clinker brick slip with innovative surface technologies.

# WASSERBRAND NEW

# POWERFUL. TENDER. UNTAMED.

# FIRINGS AND FORMAT







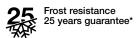


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**672 zinngrau** ♦<3 % · DIN EN 14411, Gr. Al<sub>b</sub>







### WASSERBRAND

DIN EN 14411				
format no.	8140	8141	8143	
description	clinker brick slips	corner 1)	lintel angle	
nominal size (cm)	DF	DF	DF	
production size (mm)	240 x 52 x 12	240 x 50 x 52 x 12	240 x 52 x 50 x 12	
670 sandweiß 671 kornbeige	★ PG 31 ●	★ PG 752 ●	* PG 777 ●	
672 zinngrau	★ PG 342 ●	★ PG 753 ●	★ PG 778 ●	
pieces per bundle	52	22	18	
pieces per m²/rm incl. joint	64,00	16,13	4	
pieces per pallet	4.212	1.430	972	
m²/rm per bundle	0,81	1,36	4,50	
m²/rm per pallet	65,81	88,65	243,00	
bundles per pallet	81	65	54	
kg per pallet	1.474	490	573	
kg per piece	0,350	0,343	0,590	
kg per m²/rm	22,400	5,533	2,360	
kg per bundle	18,200	7,546	10,620	
surcharge	*	*	*	

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Wheaterproof

Economic

In compliance with DIN EN

Fade-free and colourfast

nd Easy maintenance and hygienic

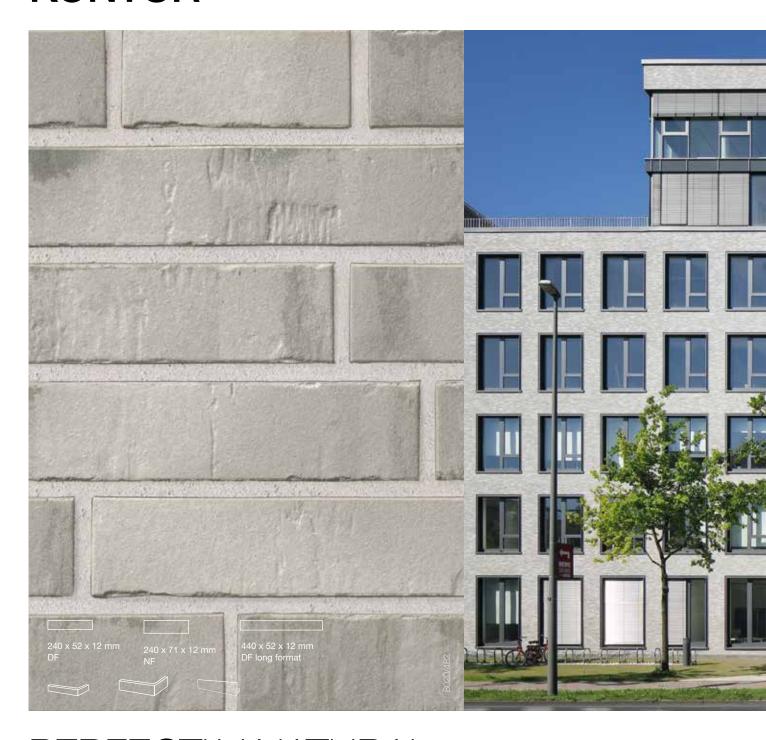
Ecofriendly

chemic

Glow-resistant and fireproof

Anti-static

# **KONTUR**



PERFECTLY NATURAL.
FUSION FINISH.
CLINKER BODY.



### TRADITIONAL CLINKER LOOKS INTERPRETED WITH MODERN CONTOURING.

Targeted highlighting for maximum effect. Contouring is the name of a style that is currently on trend, which gives a natural surface a particularly rounded and modern feel by means of strategic accentuation using the latest surface technology. Here, traditional clinker production techniques are combined with high-tech glaze technology to create a new generation of clinker brick slips: Manufactured in fusion finish.

In the classic DF/NF or long format, with three surfaces. Textures created using smooth engobes, characteristic water-struck surfaces or fire and melted effects with authentic signs of wear – with Kontur, traditional clinker looks have been interpreted and perfected with modern contouring.

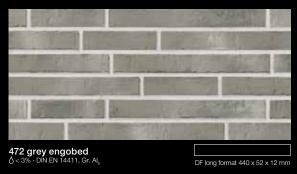
# KONTUR EXPRESSIVE. NEXT-LEVEL BRICK SLIPS. THE BEST OF BOTH WORLDS.

# **KONTUR EG**





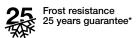














### KONTUR EG

DIN EN 14411					
format no.	8016	8018	8017	8122	
description	clinker brick slips	clinker brick slips	corner 1)	lintel angle	
nominal size (cm)	DF	DF long format	DF	DF	
production size (mm)	240 x 52 x 12	440 x 52 x 12	240 x 50 x 52 x 12	240 x 52 x 50 x 12	
470 beige engobed 472 grey engobed	* PG 26 ●	★ PG 466 ●	★ PG 75 ●	* PG 762 ●	
471 beige-flashed engobed 473 grey-flashed engobed	A1425				
pieces per bundle	52	32	22	18	
pieces per m²/rm incl. joint	64,00	34,57	16,13	4	
pieces per pallet	4.212	1.216	1.430	972	
m²/rm per bundle	0,81	0,93	1,36	4,50	
m²/rm per pallet	65,81	35,18	88,65	243,00	
bundles per pallet	81	38	65	54	
kg per pallet	1.323	681	508	484	
kg per piece	0,314	0,560	0,355	0,498	
kg per m²/rm	20,096	19,359	5,726	1,992	
kg per bundle	16,328	17,920	7,810	8,964	
surcharge	*	*	*	*	

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Completely frost-resistant Suitable for \*25 year guarantee insulation systems

Wheaterproof

Economic

In compliance with DIN EN

Fade-free and colourfast

and hygienic

Ecofriendly

chemicals

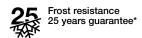
and fireproof

Anti-static

# EXPRESSIVE. NEXT-LEVEL BRICK SLIPS. THE BEST OF BOTH WORLDS.

### **KONTUR CG**







#### KONTUR CG

DIN EN 14411			
format no.	8020	8021	8118
description	clinker brick slips	corner 1)	lintel angle
nominal size (cm)	DF	DF	DF
production size (mm)	240 x 52 x 12	240 x 50 x 52 x 12	240 x 52 x 50 x 12
480 beige-fired 481 sand-fired 482 grey-fired 483 brown-fired	<b>★</b> PG 26 ●	<b>★</b> PG 75 ●	* PG 762 ●
pieces per bundle	52	22	18
pieces per m²/rm incl. joint	64,00	16,13	4
pieces per pallet	4.212	1.430	972
m²/rm per bundle	0,81	1,36	4,50
m²/rm per pallet	65,81	88,65	243,00
bundles per pallet	81	65	54
kg per pallet	1.323	508	484
kg per piece	0,314	0,355	0,498
kg per m²/rm	20,096	5,726	1,992
kg per bundle	16,328	7,810	8,964
surcharge	*	*	*

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chemicals

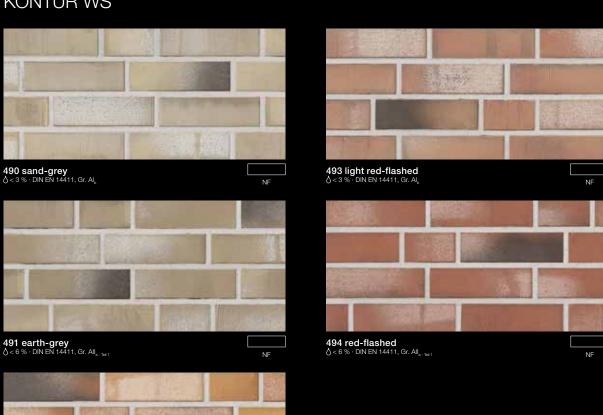
and fireproof

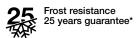
Anti-static

## KONTUR

## EXPRESSIVE. T-LEVEL BRICK SLIPS. BEST OF BOTH WORLDS.

#### **KONTUR WS**







#### KONTUR WS

DIN EN 14411		
format no.	8024	8025
description	clinker brick slips	corner 1)
nominal size (cm)	NF	NF
production size (mm)	240 x 71 x 12	240 x 50 x 71 x 12
490 sand-grey 491 earth-grey 492 orange-flashed 493 light red-flashed 494 red-flashed	* PG 26 ●	<b>★</b> PG 75 ●
pieces per bundle	39	22
pieces per m²/rm incl. joint	48,00	12,50
pieces per pallet	3.159	1.430
m²/rm per bundle	0,81	1,76
	- 7 -	, -
m²/rm per pallet	65,81	114,40
m²/rm per pallet bundles per pallet	,	,
	65,81	114,40
bundles per pallet	65,81 81	114,40 65
bundles per pallet kg per pallet	65,81 81 1.327	114,40 65 694
bundles per pallet kg per pallet kg per piece	65,81 81 1.327 0,420	114,40 65 694 0,485

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 $\label{thm:continuity} The formats shown are illustrative drawings and are not binding. All information without guarantee.$ 

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Wheaterproof



Economic

In compliance with DIN EN

DIN EN ISO



Fade-free and colourfast



Easy maintenance and hygienic



Ecofriendly



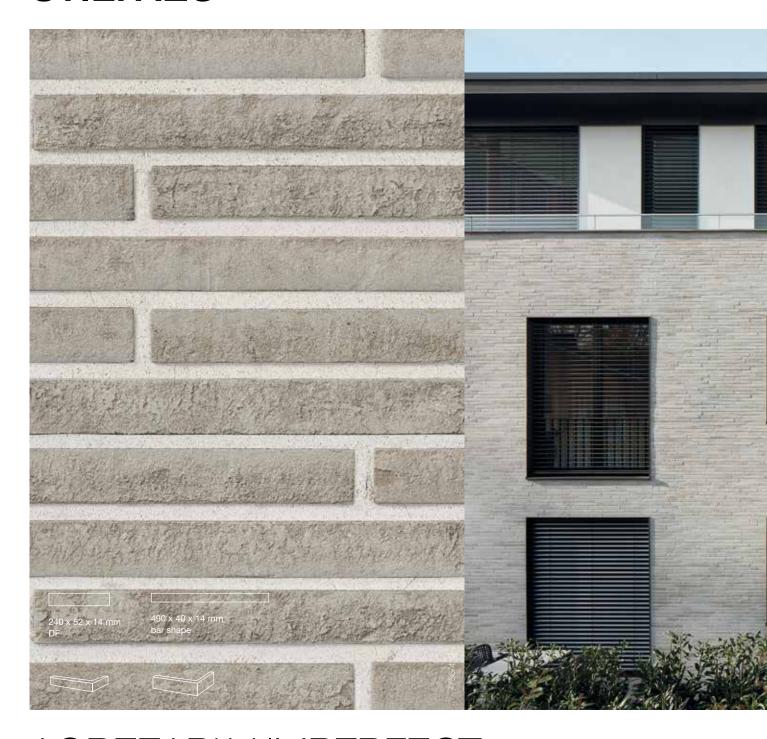






Anti-static

## **STILTREU**



AGREEABLY IMPERFECT. ARCHITECTURAL, EXCITING AND SUBTLE.



SUBTLY BALANCED "USED LOOK". CHARMINGLY AUTHENTIC. BUT STATE-OF-THE-ART AND UNIVERSAL.

Materials with character and soul are a current trend. Architecturally, they provide an exciting contrast to modern reduced design. They are like a soothing anchor for the soul. A foothold that provides space for honesty and authenticity. Age and usage are allowed to show here. With their strong character, they give rise to a sense of security. In a modern and subtle way. Suitably safe and true to the style.

## STILTREU

## USED LOOK. EXPRESSIVE. ACCENTUATED LINES.

#### FIRINGS AND FORMATS



**452 silver-grey used look** ♦ < 3 % · DIN EN 14411, Gr. Al,



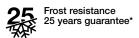
**454** creme-white used look ♦<3 % · DIN EN 14411, Gr. Al<sub>b</sub>

bar shape 490 x 40 x 14 mm





**454** creme-white used look ♦<3 % · DIN EN 14411, Gr. Al<sub>b</sub>





#### STILTREU

DIN EN 14411				
format no.	7760	7756	7761	7757
description	clinker brick slips	clinker brick slips	corner 1)	corner 1)
nominal size (cm)	DF	bar shape	DF	bar shape
production size (mm)	240 x 52 x 14	490 x 40 x 14	240 x 115 x 52 x 14	240 x 115 x 40 x 14
452 silver-grey used look 454 creme-white used look	★ PG 29 ●	★ PG 487 ●	★ PG 774 ●	★ PG 774 ●
pieces per bundle	18	18	14	21
pieces per m²/rm incl. joint	64,00	38,31	16,13	19,23
pieces per pallet	2.070	1.080	910	1.365
m²/rm per bundle	0,28	0,47	0,87	1,09
m²/rm per pallet	32,34	28,19	56,42	70,98
bundles per pallet	115	60	65	65
kg per pallet	826	670	519	566
kg per piece	0,399	0,620	0,570	0,415
kg per m²/rm	25,536	23,752	9,194	7,980
kg per bundle	7,182	11,160	7,980	8,715
surcharge	*	*	*	*

★ = Discount on pallets. ● = Normally available ex stock. PG = Price group (please see current price list). ❖ = Minimum quantity: each open box will incur a surcharge. 1) = The Ströher standard for angular accuracy in angled brick slips is based on the DIN 105 standard for exposed clinker brickwork, but with only 50% of the permissible tolerance values. The Ströher specification is thus +/- 1°. This equates to a maximum deviation of +/- 4 mm on the stretcher side and +/- 2 mm on the header side for a corner with the

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® Selected, Keraplatte® Zoé, Keraplatte® Gravel Blend, Keraplatte® Epos, Keraplatte® Aera T, Keraplatte® Aera, Keraplatte® Roccia X, Keraplatte® Roccia, Keraplatte® Aera, Keraplatte® Aera, Keraplatte® Aera, Keraplatte® Roccia, Keraplatte® Aera, Kerapla Keraplatte® Asar, Keraplatte® Terra, Keraplatte® Duro, Terrace slab TerioTec® X Profile, Terrace slab TerioTec® X, Terrace Slab TerioTec®, Stalotec®, Brickwerk, Brick 60, Wasserbrand, Kontur, Stiltreu, Riegel 50, Handstrich, Steinlinge, Glanzstücke, Zeitlos, Keraprotect® and Keravette®. Please find further explanations in our general terms and conditions.











DIN EN ISO





Easy maintenance and hygienic





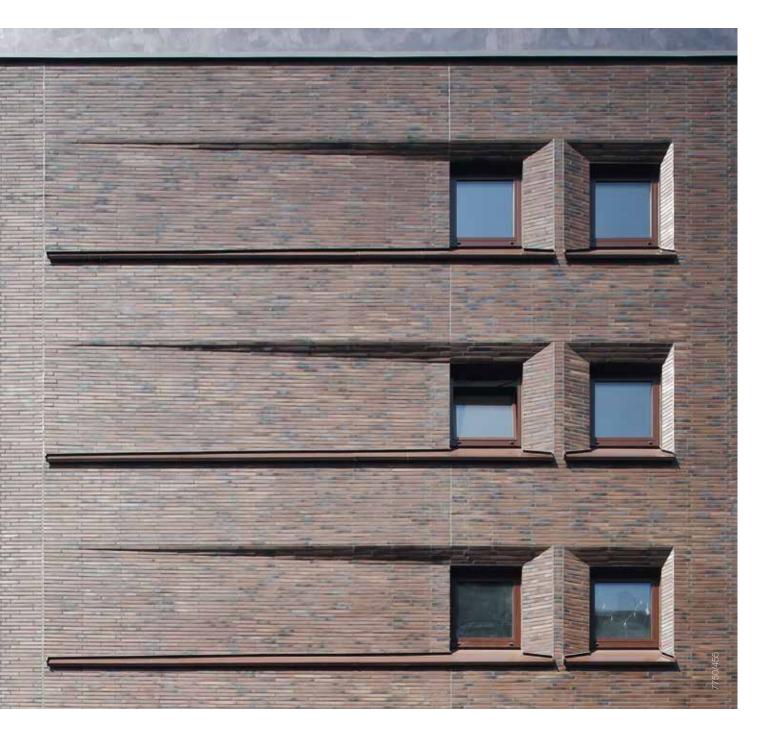




## RIEGEL 50



ANNOUNCED.
LONG FORMAT FOR
PARTICULARLY
STRAIGHT-EDGED DESIGN.



CUTTING-EDGE BAR LENGTH. BLUE REDUCTION FIRING OR SINTER PATINA. MODEST YET THRILLING.

Successful modern-day architecture now demands more than just a particularly straight-edged design. Current trends in architecture focus on intelligent building technology for interiors. And the focus for exteriors is on a state of the art outer building skin that breathes by using natural materials. In a much sought after manner, Riegel 50 combines the archaic impression of blue reduction firing, or a subdued sinter patina effect, with the elegant simplicity of the special long format.

## RIEGEL 50

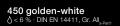
## ANNOUNCED. EMPHASIZING LINE. EXTRA LONG.

#### FIRINGS AND FORMAT



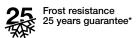






bar shape 490 x 40 x 14 mm







#### RIEGEL 50

DIN EN 14411				
format no.	7750	7753	7751	7754
description	clinker brick slips	clinker brick slips	corner 1)	corner 1)
nominal size (cm)	bar shape	bar shape	bar shape	bar shape
production size (mm)	490 x 40 x 14	490 x 40 x 14	240 x 115 x 40 x 14	240 x 115 x 40 x 14
450 golden-white				
451 golden-brown		★ PG 487 ●		★ PG 774 ●
453 silver-black				
455 brown-blue				
456 black-blue	★ PG 487 ●		★ PG 774 ●	
pieces per bundle	18	18	21	21
pieces per m²/rm incl. joint	38,31	38,31	19,23	19,23
pieces per pallet	1.080	1.080	1.365	1.365
m²/rm per bundle	0,47	0,47	1,09	1,09
m²/rm per pallet	28,19	28,19	70,98	70,98
bundles per pallet	60	60	65	65
kg per pallet	670	670	566	566
kg per piece	0,620	0,620	0,415	0,415
kg per m²/rm	23,752	23,752	7,980	7,980
kg per bundle	11,160	11,160	8,715	8,715
surcharge	*	*	*	*

<sup>★ =</sup> Discount on pallets. ● = Normally available ex stock. PG = Price group (please see current price list). ❖ = Minimum quantity: each open box will incur a surcharge.

1) = The Ströher standard for angular accuracy in angled brick slips is based on the DIN 105 standard for exposed clinker brickwork, but with only 50% of the permissible tolerance values. The Ströher specification is thus +/- 1°. This equates to a maximum deviation of +/- 4 mm on the stretcher side and +/- 2 mm on the header side for a corner with the 240 x 115 mm format.

 $\label{thm:continuous} The formats shown are illustrative drawings and are not binding. All information without guarantee.$ 

\* 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® Selected, Keraplatte® Zoé, Keraplatte® Gravel Blend, Keraplatte® Epos, Keraplatte® Aera T, Keraplatte® Aera, Keraplatte® Roccia X, Keraplatte® Roccia X, Keraplatte® Terra, Keraplatte® Duro, Terrace slab TerioTec® X Profile, Terrace slab TerioTec® X, Terrace Slab TerioTec®, Stalotec®, Brickwerk, Brick 60, Wasserbrand, Kontur, Stiltreu, Riegel 50, Handstrich, Steinlinge, Glanzstücke, Zeitlos, Keraprotect® and Keravette®. Please find further explanations in our general terms and conditions.

























\*25 year quarantee Tunnel kiln fired

Suitable for insulation systems

Wheater

of Econor

In compliar with DIN F

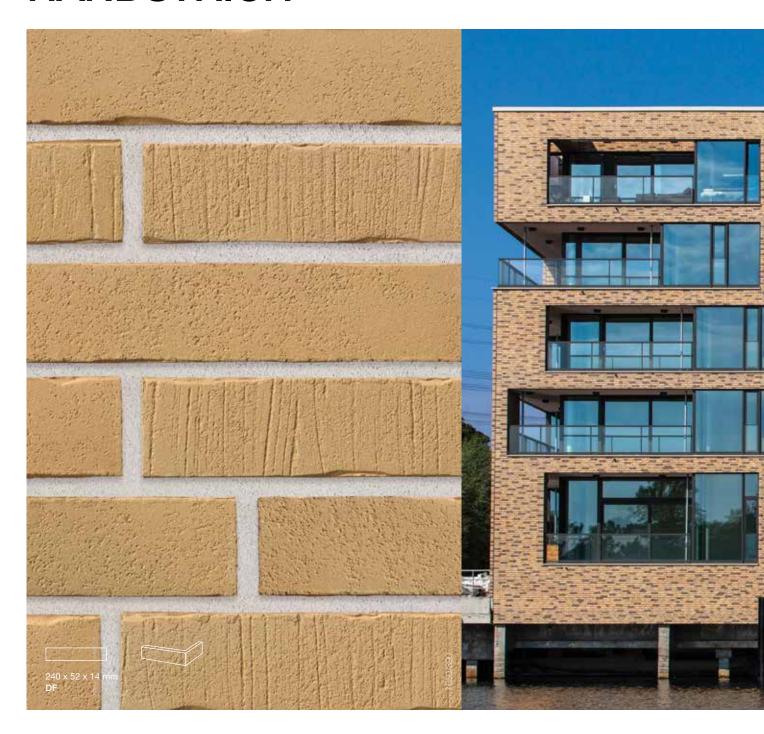
nce FN e-free and plourfast Easy maintenance and hygienic

Ecofrienc

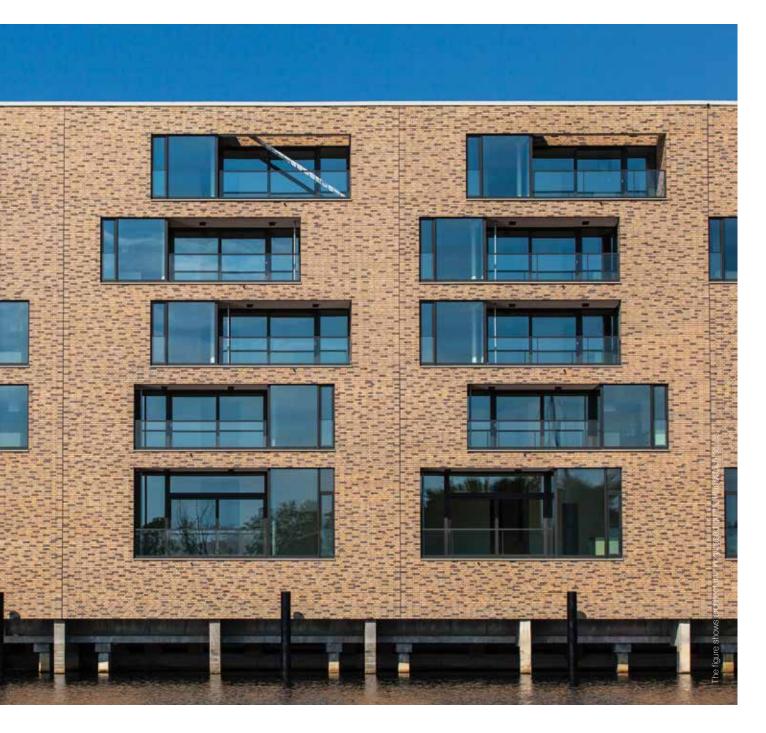
Resistant to chemicals Glow-resistar and firencon

Anti-statio

## **HANDSTRICH**



EMBODIMENT OF OLD VALUES. ENVIRONMENTALLY SOUND, HIGH-TECHNOLOGY EXTRUSION.



### THE EDGES ARE HAND FORMED. THE SURFACE IS WATER-STRUCK. THE APPLICATION IS COSMOPOLITAN.

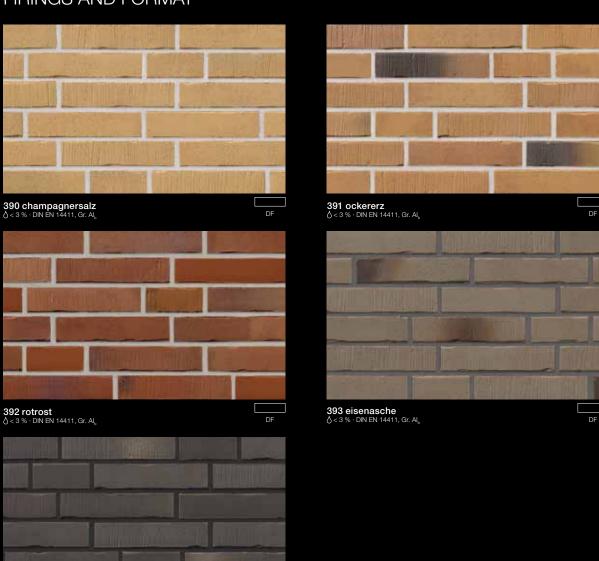
Clinker brick slips are moving away from their northern niche and experiencing an international renaissance. Handstrich unites the current spirit of sustainability with the original features of traditional clinker bricks.

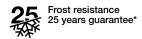
As it is only possible to make hand formed edges and water-struck surfaces that are frost resistant and easy to lay and use, in combination with thermal insulation systems, by using extruded clinker brick slips sintered in a furnace at 1.300 °C. Without treatment for water-repellency. Without impregnation. And without wasteful cutting of a full brick. Simply Green Tech and cosmopolitan.

## HANDSTRICH

# HAND FORMED EDGE. WATER-STRUCK SURFACE. BUT GREEN TECH.

#### FIRINGS AND FORMAT







#### HANDSTRICH

DIN EN 14411		
format no.	7650	7651
description	clinker brick slips	corner 1)
nominal size (cm)	DF	DF
production size (mm)	240 x 52 x 14	240 x 115 x 52 x 14
390 champagnersalz 391 ockererz 392 rotrost 393 eisenasche 394 schwarzkreide	★ PG 434 ●	* PG 765 ●
pieces per bundle	18	14
pieces per m²/rm incl. joint	64,00	16,13
pieces per pallet	2.070	910
m²/rm per bundle	0,28	0,87
m²/rm per pallet	32,34	56,42
bundles per pallet	115	65
kg per pallet	776	528
kg per piece	0,375	0,580
kg per m²/rm	24,000	9,355
kg per bundle	6,750	8,120
surcharge	*	*

- ★ = Discount on pallets.
- Normally available ex stock.
- $\mbox{PG } = \mbox{Price group (please see current price list)}.$ 
  - Minimum quantity: each open box will incur a surcharge.
- The Ströher standard for angular accuracy in angled brick slips is based on the DIN 105 standard for exposed clinker brickwork, but with only 50% of the permissible tolerance values. The Ströher specification is thus +/- 1°. This equates to a maximum deviation of +/- 4 mm on the stretcher side and +/- 2 mm on the header side for a corner with the 240 x 115 mm format.

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® Selected, Keraplatte® Zoé, Keraplatte® Gravel Blend, Keraplatte® Epos, Keraplatte® Aera T, Keraplatte® Aera, Keraplatte® Accia X, Keraplatte® Roccia X, Keraplatte® Aocia X, Keraplatte® Duro, Terrace slab TerioTec® X Profile, Terrace slab TerioTec® X, Terrace Slab TerioTec®, Stalotec®, Brickwerk, Brick 60, Wasserbrand, Kontur, Stiltreu, Riegel 50, Handstrich, Steinlinge, Glanzstücke, Zeitlos, Keraprotect® and Keravette®. Please find further explanations in our general terms and conditions.



























Completely trost-resistant \*25 year quarantee Tunnel kiln fired Suitable for

Wheaterr

Economic

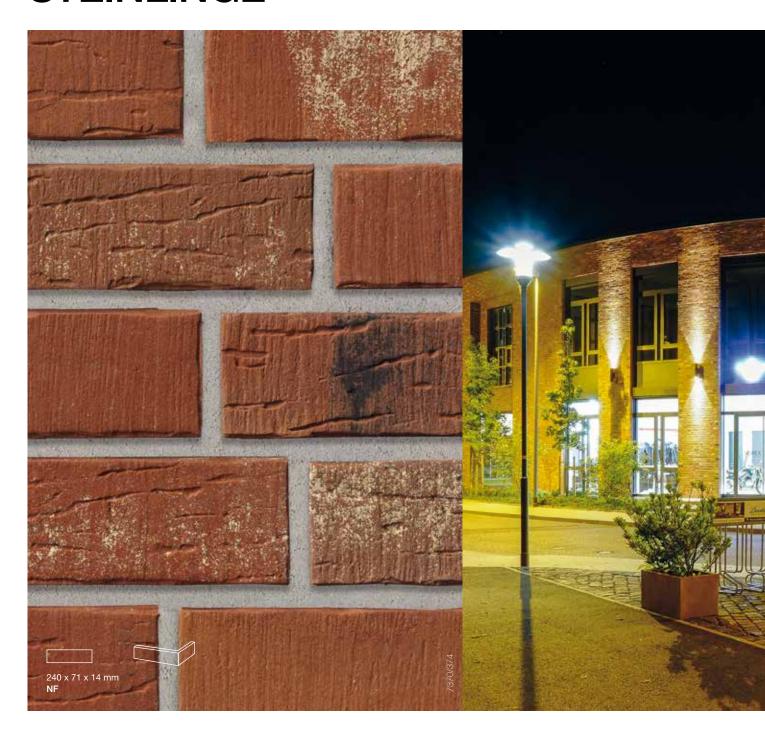
In compliance with DIN EN

ce Fa √ Easy maintenance and hygienic

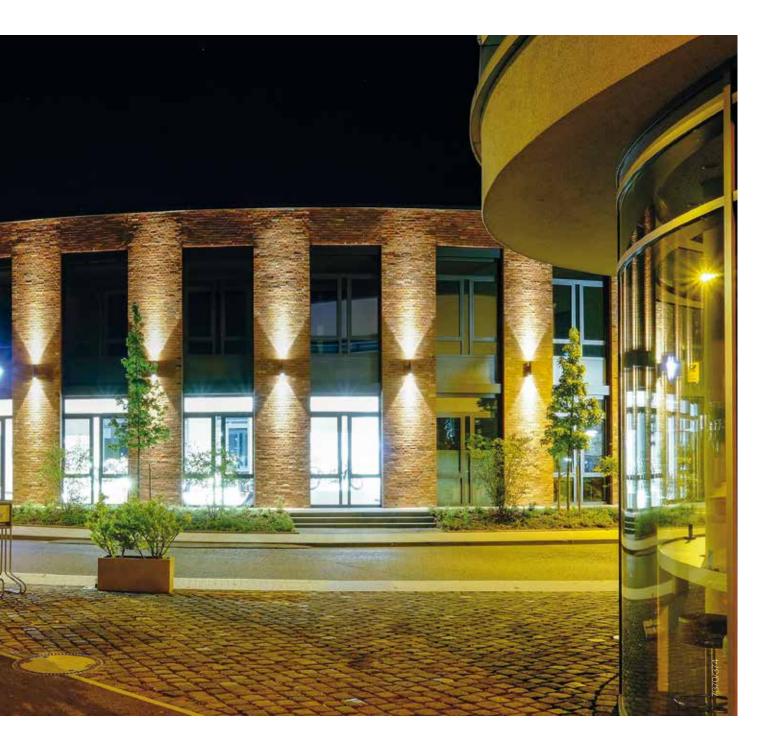
Ecofrienc

Resistant chemical: Glow-resistar and firenroof Anti-statio

## **STEINLINGE**



UP TO DATE.
VISIBLE BRICKWORK WITH
ANTIQUE LOOK.
MODERN HANDLING.



#### ANTIQUE LOOK WITH EASY-TO-LAY, RELIABLE SIZING; ENERGY-CONSCIOUS MYTH APPEARANCE.

Steinlinge are the descendants, adapted to contemporary clinker standards of the fine old brick era. Steinlinge give a facade the charm of times gone by, while they are at the same time easy to lay thanks to their uniform size.

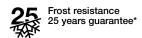
Fired to be frostproof in high-tech sintering furnaces at 1.300 °C, Steinlinge continue the tradition of masonry with added weath-erproofing. These brick veneers are not only permanently easy to clean and use, but in combination with an EIFS system, they are also compliant with all current energy-saving regulations.

## STEINLINGE

## HAND-MADE LOOK. EXACTLY SIZED. MYTHICAL.

#### FIRINGS AND FORMAT







#### **STEINLINGE**

DIN EN 14411			
format no.	7370	7371	
description	clinker brick slips	corner 1)	
nominal size (cm)	NF	NF	
production size (mm)	240 x 71 x 14	240 x 115 x 71 x 14	
371 silberbeige 372 amberbeige			
374 shabbyrot	<b>★</b> PG 39 ●	* PG 772 ●	
375 platingrau			
376 platinschwarz			
377 platinbraun			
pieces per bundle	18	14	
pieces per m²/rm incl. joint	48,00	12,50	
pieces per pallet	2.070	910	
m²/rm per bundle	0,38	1,12	
m²/rm per pallet	43,13	72,80	
bundles per pallet	115	65	
kg per pallet	1.062	715	
kg per piece	0,513	0,786	
kg per m²/rm	24,624	9,825	
kg per bundle	9,234	11,004	
surcharge	*	*	

- = Discount on pallets.
- Normally available ex stock.
- PG = Price group (please see current price list).
- Minimum quantity: each open box will incur a surcharge.
- = The Ströher standard for angular accuracy in angled brick slips is based on the DIN 105 standard for exposed clinker brickwork, but with only 50% of the permissible tolerance values. The Ströher specification is thus +/- 1°. This equates to a maximum deviation of +/- 4 mm on the stretcher side and +/- 2 mm on the header side for a corner with the 240 x 115 mm format.

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

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Easy maintenance and hygienic

## **GLANZSTÜCKE**



RETRO-BRICK WITH SHEEN EFFECT. EXTRA SLIM. LONG SHAPE.



#### EXTRUDED VINTAGE LOOK WITH SHINE EFFECT AND WITH A USED LOOK TEXTURE. QUICK SLURRY APPLICATION.

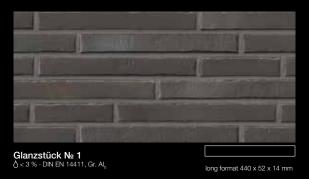
Extra slim retro brick in long format 440 x 52 x 14 mm. Cleaner vintage look with unobtrusive shine effect. With a used look texture, but still with a smooth surface appearance.

This brick ensures quick application for laying and turns facades into unmistakeable pièces de résistance without the need for joints. And as a high-tech brick veneer in high sinter quality, it's a pièce de résistance of energy-conscious "shell" design.

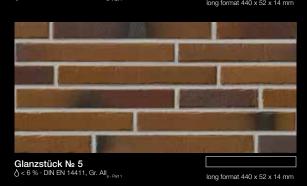
## GLANZSTÜCKE

## VINTAGE LOOK. SHINE EFFECT. EXTRA SLIM.

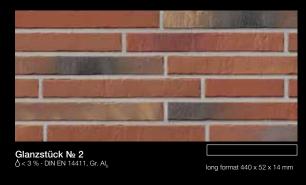
#### FIRINGS AND FORMAT





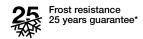














#### GLANZSTÜCKE

DIN EN 14411		
format no.	2452	2453
description	clinker brick slips	corner 1)
nominal size (cm)	DF long format	DF
production size (mm)	440 x 52 x 14	240 x 115 x 52 x 14
Glanzstück № 1		
Glanzstück № 2		
Glanzstück № 3		
Glanzstück № 4	★ PG 464 ●	★ PG 774 ●
Glanzstück № 5		
Glanzstück № 6		
Glanzstück № 7		
pieces per bundle	18	14
pieces per m²/rm incl. joint	34,57	15,63
pieces per pallet	1.170	910
m²/rm per bundle	0,52	0,90
m²/rm per pallet	33,84	58,22
bundles per pallet	65	65
kg per pallet	796	528
kg per piece	0,680	0,580
kg per m²/rm	23,508	9,065
kg per bundle	12,240	8,120
surcharge	*	*

- = Discount on pallets.
- = Normally available ex stock.
- = Price group (please see current price list).
- = Minimum quantity: each open box will incur a surcharge.
- = The Ströher standard for angular accuracy in angled brick slips is based on the DIN 105 standard for exposed clinker brickwork, but with only 50% of the permissible tolerance values. The Ströher specification is thus +/- 1°. This equates to a maximum deviation of +/- 4 mm on the stretcher side and +/- 2 mm on the header side for a corner with the 240 x 115 mm format.

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

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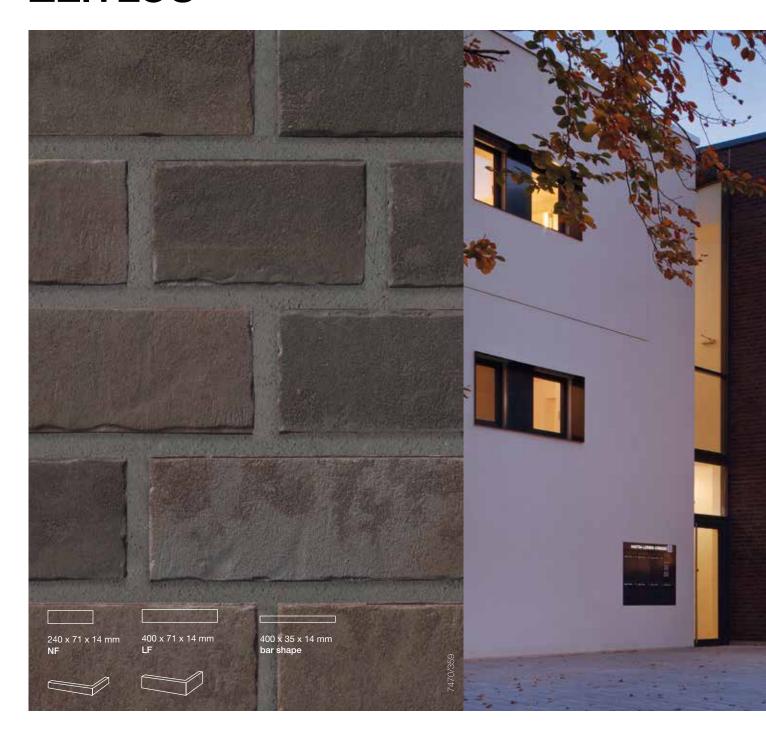






Easy maintenance and hygienic

## **ZEITLOS**



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



### ARCHAIC APPEARANCE WITH DIMENSIONAL PRECISION FOR EASY LAYING, ENERGY-AWARE FACED MASONRY LOOK.

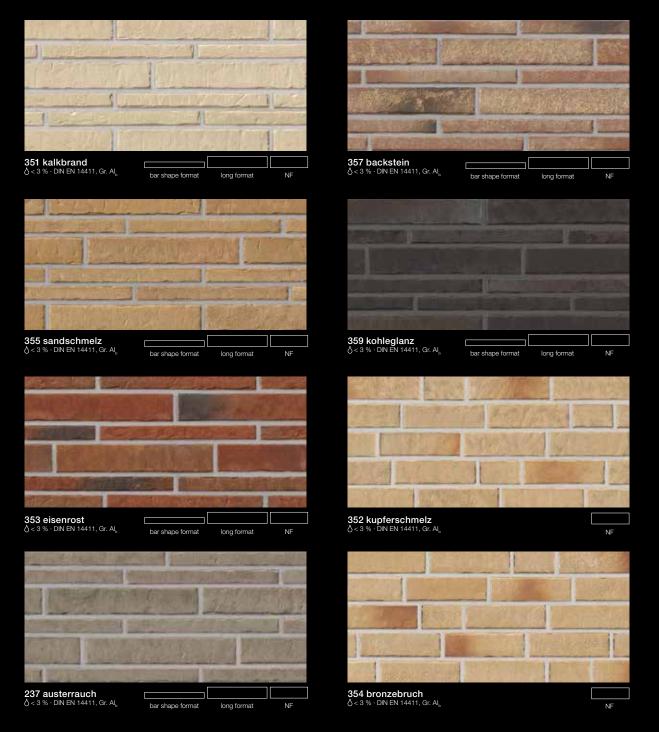
Brick expressionism: old exposed brickwork is having a renaissance. It is almost as if we are happy to have facades crumbling both inside and out. Also mixed. Two high-end sizes in long format 400 x 71 mm and bar shape 400 x 35 mm as well as in NF format 240 x 71 mm allow this trend look. Zeitlos, the extra strong 14 mm thick patina brick slip in quality frost-proof high-tech extruded sinter quality.

There are all sorts of different placing options with variable joint widths and individually customised colour ranges based on eleven tailored colour tones providing lots of unique styles. Even with its natural edges, Zeitlos is safe to apply and easy-care, making it right on trend for facade design even when it comes to the environment, energy and costs.

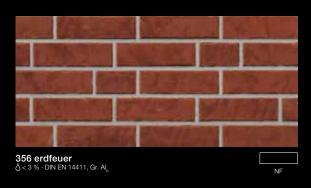
## ZEITLOS

## ARCHAIC. TECHNICALLY PERFECT. ENERGY-CONSCIOUS.

#### FIRINGS AND FORMATS



Private home, Lüneburg, Germany clinker brick slips 7470/359 kohleglanz corner 7471/359 kohleglanz







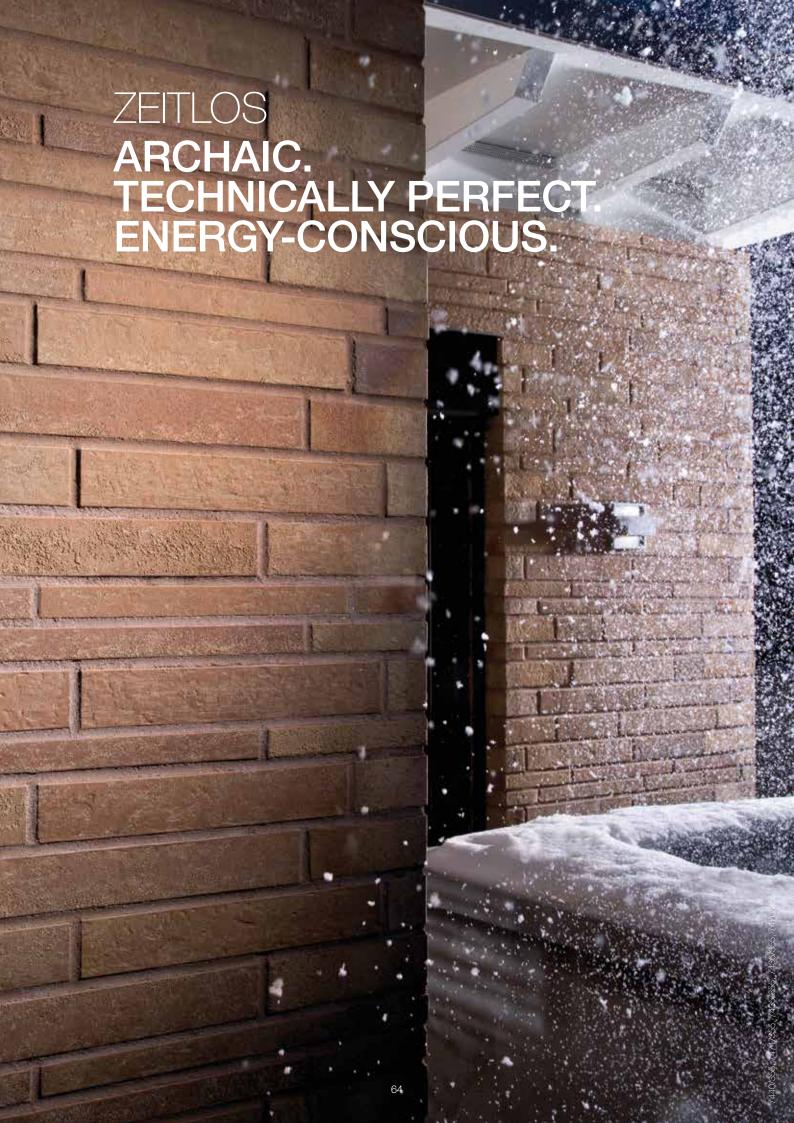


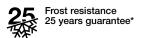






Private home, Cologne, Germany clinker brick slips 7470/351 kalkbrand corner 7471/351 kalkbrand







#### ZEITLOS

DIN EN 14411					
format no.	7470	7440	7435	7471	7436
description	clinker brick slips	clinker brick slips	clinker brick slips	corner 1)	corner 1)
nominal size (cm)	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
352 kupferschmelz					
354 bronzebruch					
356 erdfeuer					
351 kalkbrand					
353 eisenrost					
355 sandschmelz	★ PG 413 ●	★ PG 488 ●	★ PG 477 ●	★ PG 775 ●	★ PG 773 ●
357 backstein					
237 austerrauch					
359 kohleglanz					
360 onyxstaub				_	
368 sepiaquarz					
pieces per bundle	18	18	36	14	21
pieces per m²/rm incl. joint	48,00	29,24	51,64	12,50	21,30
pieces per pallet	2.070	1.170	2.340	910	1.365
m²/rm per bundle	0,38	0,62	0,70	1,12	0,99
m²/rm per pallet	43,13	40,01	45,31	72,80	64,08
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 m²/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	*	*	*	*	*

<sup>★ =</sup> Discount on pallets. ● = Normally available ex stock. PG = Price group (please see current price list). ❖ = Minimum quantity: each open box will incur a surcharge. <sup>1)</sup> = The Ströher standard for angular accuracy in angled brick slips is based on the DIN 105 standard for exposed clinker brickwork, but with only 50% of the permissible tolerance values. The Ströher specification is thus  $+/-1^\circ$ . This equates to a maximum deviation of +/-4 mm on the stretcher side and +/- 2 mm on the header side for a corner with the 240 x 115 mm format. The formats shown are illustrative drawings and are not binding. All information without guarantee.

The number required per m² 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 m2: Format 7440: 19 pieces, Format 7435: 24 pieces.















colourfast













Suitable for insulation systems

Wheaterproof

Economic

Ecofriendly

Resistant to chemicals

and fireproof

Anti-static

<sup>\*</sup> 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® Selected, Keraplatte® Zoé, Keraplatte® Gravel Blend, Keraplatte® Epos, Keraplatte® Aera, Kerap Roccia X, Keraplatte® Roccia, Keraplatte® Asar, Keraplatte® Terra, Keraplatte® Duro, Terrace slab TerioTec® X Profile, Terrace slab TerioTec® X, Terrace Slab TerioTec Tec®, Stalotec®, Brickwerk, Brick 60, Wasserbrand, Kontur, Stiltreu, Riegel 50, Handstrich, Steinlinge, Glanzstücke, Zeitlos, Keraprotect® and Keravette®. Please find further explanations in our general terms and conditions.

## **KERAPROTECT®**



THE DISTINCTIVE CLASSIC.
ROUGH AND SANDY PROTECTED.



#### ONCE KNOWN AS THE "DUTCH" BRICK SLIP - NOW AN INTERNATIONAL SUCCESS.

As rough and grainy as sharkskin is the feel of this classic "Dutch" tile to the touch. The unusual 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?

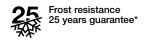
For noise can be as annoying as the unavoidable maintenance costs of other facade claddings. A facade cladded with Keraprotect, however, offers you durable protection of extruded ceramics at optimal costs.

## KERAPROTECT®

## COARSE SAND. UNMISTAKEABLE. CLASSIC.

#### FIRINGS AND FORMAT







#### KERAPROTECT®

DIN EN 14411		
format no.	7020	7021
description	clinker brick slips	corner 1)
nominal size (cm)	NF	NF
production size (mm)	240 x 71 x 11	240 x 115 x 71 x 11
415 breda	★ PG 11 ●	
416 rotterdam	★ PG 14 ●	
405 amsterdam		
410 groningen		★ PG 77 ●
417 eindhoven	★ PG 17 ●	
429 aardenburg		
430 den haag		
pieces per bundle	24	16
pieces per m²/rm incl. joint	48,00	12,50
pieces per pallet	2.208	1.040
m²/rm per bundle	0,50	1,28
m²/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 m²/rm	19,968	7,125
kg per bundle	9,984	9,120
surcharge	*	*

- = Discount on pallets.
- = Normally available ex stock.
- PG = Price group (please see current price list). = Minimum quantity: each open box will incur a surcharge.
- = The Ströher standard for angular accuracy in angled brick slips is based on the DIN 105 standard for exposed clinker brickwork, but with only 50% of the permissible tolerance values. The Ströher specification is thus +/- 1°. This equates to a maximum deviation of +/- 4 mm on the stretcher side and +/- 2 mm on the header side for a corner with the 240 x 115 mm format.

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



Fade-free and



Tunnel kiln fired

Easy maintenance and hygienic



Suitable for

insulation systems

Ecofriendly



Wheaterproof

Resistant to



(M)

and fireproof





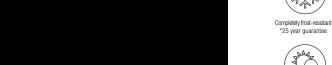








Anti-static

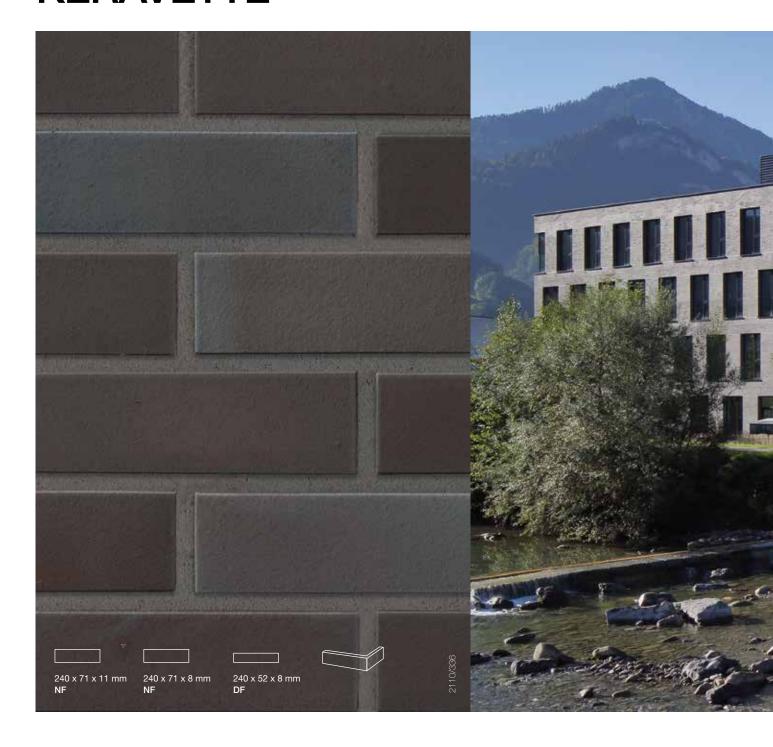


 $^{\star}$  Ströher is the only German manufacturer offering a 25-year frost resistance

installed by a qualified professional tiler: Keraplatte® Selected, Keraplatte® Zoé, Keraplatte® Gravel Blend, Keraplatte® Epos, Keraplatte® Aera T, Keraplatte® Aera, Keraplatte® Roccia X, Keraplatte® Roccia, Keraplatte® Asar, Keraplatte® Terra, Keraplatte® Duro, Terrace slab TerioTec® X Profile, Terrace slab TerioTec® X, Terrace Slab TerioTec®, Stalotec®, Brickwerk, Brick 60, Wasserbrand, Kontur, Stillteu, Riegel 50, Handstrich, Steinlinge, Glanzstücke, Zeitlos, Keraprotect® and Keravette®. Please find further explanations in our general terms and

guarantee on the following extruded products that have been correctly

## **KERAVETTE®**



AGAINST WIND AND WEATHER. AND TOO HIGH ENERGY COSTS.



#### ALSO REGARDING COST-EFFECTIVENESS. UNOBTRUSIVE AND YET STILL IMPRESSIVE.

Keravette gives a facade a new unmistakeable and individual look. No wonder the word "facade" has been adopted from the Italian word "faccia" meaning "face".

20 beautiful colour tones, numerous formats and surfaces give you a nearly unlimited choice of options. So each facade quite easily becomes unmistakeable.

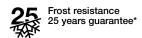
The material thickness of 8 and 11 mm means this classic among clinker brick slips is not only light but, thanks to the especially high firing temperature, it is also extremely robust. Together with modern thermal insulation, they are also hard to resist when it comes to price.

## KERAVETTE®

## UNCOMPLICATED. UNOBTRUSIVE.

#### FIRINGS AND FORMATS







#### PRODUCT DETAILS

#### **KERAVETTE®**

DIN EN 14411			
format no.	7960	2110	2640
description	brick slip with text. struct.	brick slips	corner 1)
nominal size (cm)	DF	NF	NF
production size (mm)	240 x 52 x 8	240 x 71 x 11	240 x 115 x 71 x 11
215 patrician red 307 wheat	<b>★</b> PG 25 ●	<b>★</b> PG 35 ●	
316 patrician red flashed			
330 graphite			
336 metallic black			* PG 77 ●
325 achatblue-flashed		★ PG 37 ●	
318 palace			
210 brown			
140 white			
230 grey			
238 aluminium matt		★ PG 37 ○	
320 sand yellow			
pieces per bundle	34	24	16
pieces per m2/rm incl. joint	67,00	50,00	12,50
pieces per pallet	4.692	2.208	1.040
m2/rm per bundle	0,51	0,48	1,28
m2/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 m2/rm	13,802	19,850	7,363
kg per bundle	7,004	9,528	9,424
surcharge	*	*	*

- ★ = Discount on pallets.
- Normally available ex stock.
- PG = Price group (please see current price list).
- O = Made to order delivery terms upon request.
- Minimum quantity: each open box will incur a surcharge.
- The Ströher standard for angular accuracy in angled brick slips is based on the DIN 105 standard for exposed clinker brickwork, but with only 50% of the permissible tolerance values. The Ströher specification is thus +/- 1°. This equates to a maximum deviation of +/- 4 mm on the stretcher side and +/- 2 mm on the header side for a corner with the 240 x 115 mm format.

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® Selected, Keraplatte® Zoé, Keraplatte® Gravel Blend, Keraplatte® Epos, Keraplatte® Aera, Keraplatte® Roccia X, Keraplatte® Aera, Keraplatte® Aera, Keraplatte® Terra, Keraplatte® Duro, Terrace slab TerioTec® X Profile, Terrace slab TerioTec®, X Terrace Slab TerioTec®, Stalotec®, Brickwerk, Brick 60, Wasserbrand, Kontur, Stiltreu, Riegel 50, Handstrich, Steinlinge, Glanzstücke, Zeitlos, Keraprotect® and Keravette®. Please find further explanations in our general terms and conditions.



























Completely frost-resistant

Suitable for

Wheaterproof

Economic

In compliance with DIN EN

Fade

d Easy maintenance and hygienic

Ecofriend

Resista

Glow-resista and firence

Anti-static

## KERAVETTE®

# UNCOMPLICATED. UNOBTRUSIVE.

#### FIRINGS AND FORMATS







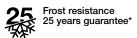














#### PRODUCT DETAILS

#### KERAVETTE®

DIN EN 14411	<b>三</b> 妻			
format no.	8071	7960	2110	2610
description	brick slip with text. struct.	brick slip with text. struct.	brick slips	corner 1)
nominal size (cm)	NF	DF	NF	NF
production size (mm)	240 x 71 x 8	240 x 52 x 8	240 x 71 x 11	175 x 52 x 71 x 11
834 giallo	★ PG 37 ●			
840 grigio				
835 sandos				
837 marmos	★ PG 32 ●			
839 ferro	X 1 4 5 2 5			
841 rosso				
319 royal			<b>★</b> PG 37 ●	* PG 76 ●
825 sherry		★ PG 29 ●	★ PG 37 ●	★ PG 76 ●
pieces per bundle	51	34	24	28
pieces per m²/rm incl. joint	50,00	67,00	50,00	12,50
pieces per pallet	4.131	4.692	2.208	1.680
m²/rm per bundle	1,02	0,51	0,48	2,24
m²/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 m²/rm	15,000	13,802	19,850	4,488
kg per bundle	15,300	7,004	9,528	10,052
surcharge	*	*	*	*

<sup>★ =</sup> Discount on pallets. ● = Normally available ex stock. PG = Price group (please see current price list). ◆ = Minimum quantity: each open box will incur a surcharge.

<sup>\*</sup> 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® Selected, Keraplatte® Zoé, Keraplatte® Gravel Blend, Keraplatte® Epos, Keraplatte® Aera T, Keraplatte® Aera, Keraplatte® Roccia X, Keraplatte® Roccia, Keraplatte® Asar, Keraplatte® Duro, Terrace slab TerioTec® X Profile, Terrace slab TerioTec® X, Terrace Slab TerioTec®, Stalotec®, Brickwerk, Brick 60, Wasserbrand, Kontur, Stiltreu, Riegel 50, Handstrich, Steinlinge, Glanzstücke, Zeitlos, Keraprotect® and Keravette®. Please find further explanations in our general terms and conditions.

























Completely frost-resistant \*25 year guarantee Tunnel kiln fired

Suitable for insulation systems

Wheaterprod

Economic

In compliance

Fade-free a

Easy maintenance and hygienic

Ecofriend

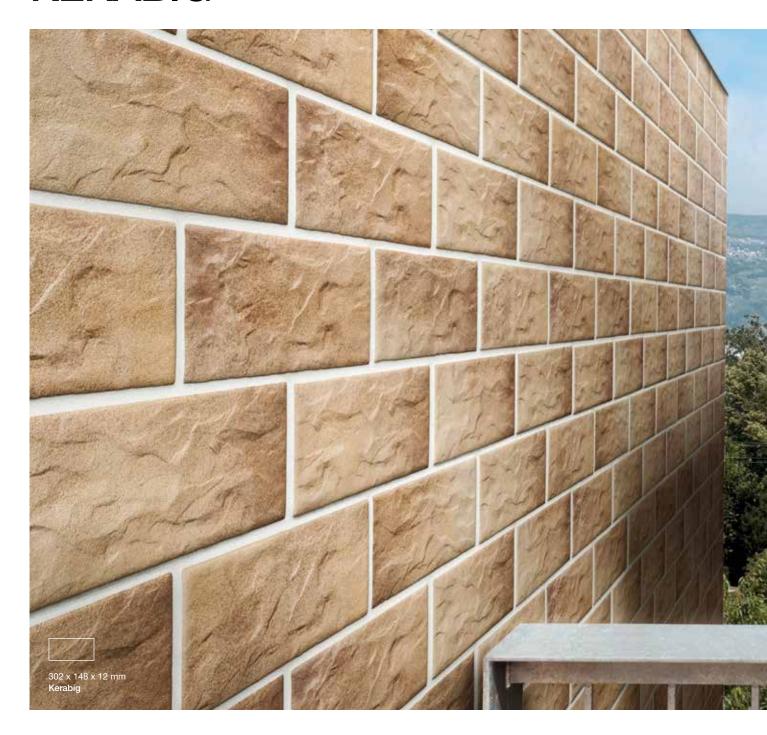
Resistant to chemicals

Glow-resistar and firencon

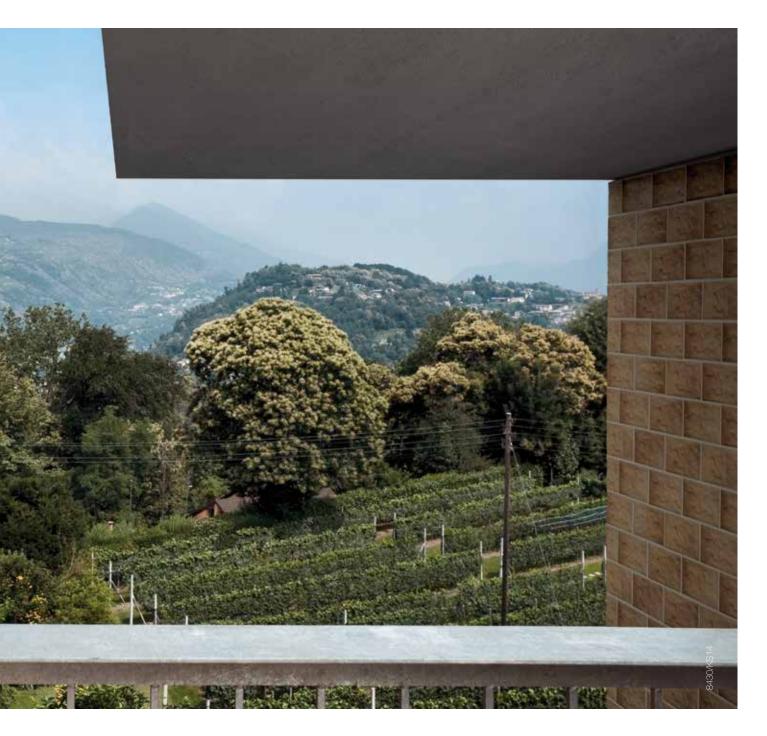
Anti-statio

<sup>1) =</sup> The Ströher standard for angular accuracy in angled brick slips is based on the DIN 105 standard for exposed clinker brickwork, but with only 50% of the permissible tolerance values. The Ströher specification is thus +/- 1°. This equates to a maximum deviation of +/- 4 mm on the stretcher side and +/- 2 mm on the header side for a corner with the 240 x 115 mm format. The formats shown are illustrative drawings and are not binding. All information without guarantee.

### **KERABIG®**



NATURAL STONE LOOK IN AN ECONOMICALLY LARGE FORMAT.



NATURAL STONE IN CERAMIC, PARTIALLY CLAD OR FULLY CLAD, AND ALWAYS AN EXCITING DESIGN HIGHLIGHT.

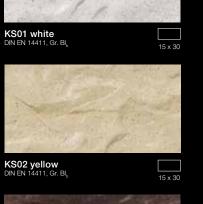
Whether full or part cladding, the natural stone look lends facades a particular flair. This robust ceramic with the Ströher hard glaze comes in nature-inspired colours taken from granite, slate, basalt, marble and porphyrym sandstone, and provides long-term protection against the effects of wind and weather. The actual costs of installation are well below those of natural stone and, when combined with an excellent insulation system, energy maintenance costs are also optimized. The large format is an advantage when tiling and the convenient slurry method can be used – for the natural design accent on your facade.

### **KERABIG®**

# NATURAL STONE ACCENTS. ECONOMICAL.

#### FIRINGS AND FORMAT







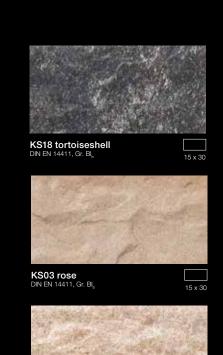




KS13 tabacco brown DIN EN 14411, Gr. Bl,

KS14 brown flashed DIN EN 14411, Gr. Bl<sub>b</sub>

KS05 anthracite



KS16 eres DIN EN 14411, Gr. Bl,



#### PRODUCT DETAILS

#### KERABIG®

DIN EN 14411			
Format no.	8430	8431	8432
Description	Kerabig <sup>®</sup>	corner piece	miter cut corner pair
Nominal size (cm)	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
KS01 white			
KS02 yellow			
KS03 rose			
KS05 anthracite			
KS06 grey			
KS13 tabacco brown	★ PG 461 ●	PG 95 ○	PG 87 ○
KS14 brown flashed			
KS15 chocolate brown			
KS16 eres			
KS17 pidra			
KS18 tortoiseshell			
pieces per bundle	18	10	10
pieces per m²/rm incl. joint	21,00	6,45	6,45
pieces per pallet	936	-	-
m²/rm per bundle	0,86	1,55	1,55
m²/rm per pallet	44,57	-	-
bundles per pallet	52	-	-
kg per pallet	897	-	-
kg per piece	0,958	0,898	0,898
kg per m²/rm	20,118	5,792	5,792
kg per bundle	17,244	8,980	8,980
surcharge	*	*	*

 $\bigstar$  = Discount on pallets.

Normally available ex stock.

PG = Price group (please see current price list).

○ = Made to order – delivery terms upon request.

• Minimum quantity: each open box will incur a surcharge.

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



STRÖHER hard glaze



Suitable for insulation systems





DIN EN ISO





Easy maintenance and hygienic









## HOW TO APPLY 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.



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.



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



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



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.

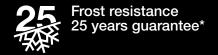
#### CONVENTIONAL GROUTING WITH POINTING TROWEL

The following Ströher series must be grouted by conventional methods: BRICKWERK, BRICK 60, WASSERBRAND, STILTREU, KONTUR, RIEGEL 50, GLANZSTÜCKE, HANDSTRICH, STEINLINGE, ZEITLOS, KERAPROTECT®

#### GROUTING USING THE SLURRY METHOD

The following Ströher series can be grouted with the slurry method: KERAVETTE®, KERABIG®

# OUTDOOR TESTED FROST PROOF: FUNCTIONAL CERAMICS WITH MEMBRANE EFFECT.



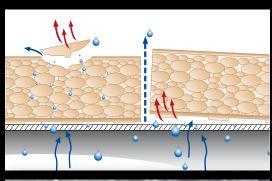
Ströher heavy clay ceramics possess "breathable" capillary channels and a "waterproof" pore structure with a draining, homogenous particle structure. So even the slightest amount of condensation can escape naturally and won't have to force its way out of the tile. We call this the membrane effect. In transitional seasons and depending on the regional location, ceramics in outdoor areas will have to be able to withstand temperature fluctuations of up to 70°C and rapid freeze/thaw cycles. Ströher heavy clay ceramics can do this – compliant with the DIN EN ISO 10545-12 test standard, even beyond the required laboratory conditions.

#### WITH 25 YEARS FROST RESISTANCE GUARANTEE.

The highly structured reverse surface of the tensile heavy clay ceramics made from wet clay ensures optimal interlocking with the subsurface. This ensures optimum adhesive tensile strength. In contrast to the 'glazed' surface of the dry pressed body, heavy clay ceramics do not come loose even under heat stress, provided they are properly laid.

#### DIAGRAMMATIC TILE

Even the smallest amount of condensation that may have collected as a result of the laying conditions cannot escape naturally.



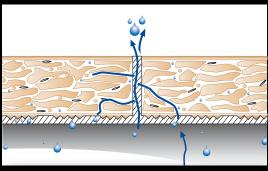


TILE REVERSE SIDE: TILE

Smooth pore structure on the adhesive surface of the stoneware slab with poor adhesion properties, SEM image at 500X magnification – direct view.

#### DIAGRAMMATIC STRÖHER KERAPLATTE®

Water that has penetrated can escape in the quickest possible way through the capillary channels and frost damage will not occur.





TILE REVERSE SIDE: STRÖHER KERAPLATTE®
Keraplatte® programme with very good adhesion properties, SEM image at 500X magnification – direct view.

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