

StröherLiving

The range 21/22

STRÖHER GROUP. SIGNATURE CERAMICS AND CLINKER.









Our brands are a promise to our customers: a promise of quality, consistency, competence, reliability, sustainability, design and innovation.





We live clinker and ceramics. We are doers. Since 1884.

We combined our traditional manufacturing expertise with state-of-the-art clinker ceramics engineering and cutting-edge surface coating technologies. Using a wide variety of compositions of over 50 quality clays, we create natural products fired in shape and design, which we cut from a moist, malleable clay bar and then high-performance sinter in high-temperature firing. Sustainable and energy-efficient, needless to mention. We rely on natural ingredients and reactions, which we use with great flair and experience in a purposeful approach to achieve unique surfaces and fascinatingly natural color spectra.

For a natural premium product.



We assume responsibility for climate protection and the energy turnaround in Germany as an energy-intensive production company. Therefore, we have committed ourselves to ecologically compatible and sustainable manufacturing processes.

Our tiles and clinker brick slips are manufactured exclusively in modern and efficient production facilities. High energy efficiency, the use of state-of-the-art waste gas purification systems for reduced emissions, and the resource-conserving use of natural raw materials obtained in proximity to our manufacturing facilities are integral components of our active environmental and production management.

Residues from the production process of our ceramics, such as firing and drying residues, glaze residues or water, are entirely recycled and returned to the production cycle as secondary raw materials. Waste heat from the firing process is used to dry the ceramics in the upstream manufacturing process. Throughout the company, we rely 100% on green power from alternative and renewable energy sources.

The Ströher Group's active energy management is certified in accordance with DIN EN ISO 50001. Energy efficiency is thus an integral part of investment decisions and a key evaluation and decision-making criterion in the procurement of raw materials, products, services or machinery and equipment.

We have been testifying the sustainability of our products since 2011 with the IBU seal of the Institute for Building and the Environment, which stands for the highest possible neutrality and credibility as an independent eco-label. Our declared goal is to enable and promote sustainable construction.

For the sustainable use of our resources. For maximum energy efficiency in the manufacturing processes of our products.

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Origin Wood



72 Gravel Blend



20 Selected

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118 Kontur

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CLINKER BRICK SLIPS

Facade

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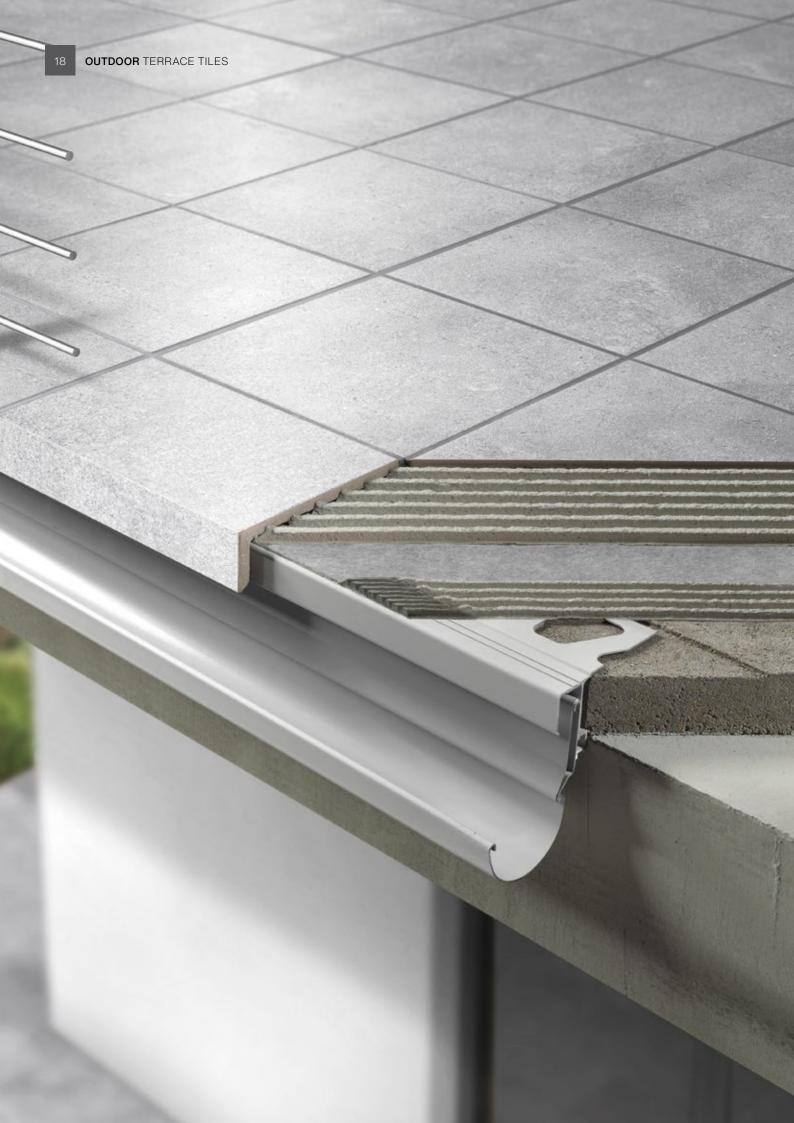
114 Wasserbrand





Outdoor TERRACE TILES

20
24
28
32
36
42
48
52
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66



Keraplatte® Outdoor terrace tiles.

For a durable and safe permanent outdoor installation

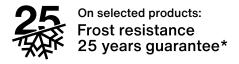
An application concept with matching heavy clay ceramics: innovative spirit and convenience by a market leader

From the tile to the step to the angle: installation safety, frost resistance and diversity of shapes. Perfection in application from a single source for securely installed and durably surfaces, stairs and finishes in outdoor areas. From the classic split tile to a 30×60 cm format. From the innovative balcony edge loft angle tile to the straight-lined loft stair tread tile or loft corner: sophisticated ceramics solutions for balconies and patios.

Functional ceramics with ideal adhesive qualities

Extruded from moist clay, the strongly structured back surface of the coarse ceramic enables optimum interlocking qualities with the substrate and thus optimum adhesive pull strength. Additionally, a "weatherproof" pore structure with breathable capillary channels and a draining, homogeneous particle structure is created in the ceramic shard. Even the smallest amount of condensation water can thus escape naturally. It's what we call the membrane effect.

We rely on specifically developed, resistant hard glazes based on high-grade mineral raw materials for our ceramics. Not only does this ensure greater slip resistance in wet conditions, it also provides for consistent ease of use and care.



* Ströher grants a 25-year guarantee on frost resistance for the following selected coarse ceramic products and series when laid professionally by a qualified specialist company: Selected, Zoé, Gravel Blend (except 20 mm porcelain stoneware garden tiles), Epos, Aera, Roccia, Asar, Terra, Stalotec, Brickwerk, Wasserbrand, Kontur, Riegel 50, Handstrich, Steinlinge, Glanzstücke, Zeitlos and Keravette®.







SELECTED

Retro modern mix exposed concrete. For a highly versatile and user-friendly surface.

Contemporary décor ceramic tiling.

Opposites that attract: urban style and vintage romanticism. Selected combines the minimalist elegance of exposed concrete with fine geometrical or floral elements. The result is a new type of outdoor urban style: understated, yet comfortably warm. Discreet, yet deliberately expressive.

Selected allows for individual freedom of choice using three warm colour shades and the formats 30×60 calibrated and 30×30 cm. As well as decorative elements with various, random designs and layouts. Naturally, Selected has all the attributes of Ströher paving in terms of safety and comfort of use – including solutions for ceramic steps and edges. A extruded ceramic body, with fixed laying by professionals, results in maximum toughness for outdoor use.

SELECTED

Contemporary. Retro modern. Functional.

Colours



980 grey



982 anthracite



981 greige



985 decor

The decor contains various graphic patterns, which do not fit together and can thus be arranged individually. The package selection is random.























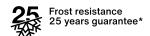








Fade-free Easy maintenance PEI 5 and colourfast and hygienic Abrasion resistant





Selected product details

DIN EN 14411 stoneware tile, extruded test result precision							
format no.	8031	8062	4815	9430	9441	8110	9010
description	stoneware tile	stoneware tile 1)	loft angle tile 2)	loft stair tread tile® 1)2)3)	loft stair tread corner 1)2)3)	skirting	riser corner 1)
nominal size (cm)	30 x 30	30 x 60	30	30	30	30	-
production size (mm)	294 x 294 x 10	594 x 294 x 10	294 x 175 x 52 x 10	294 x 340 x 35 x 11	340 x 340 x 35 x 11	294 x 70 x 10	157 x 52 x 52 x 10
980 grey 981 greige 982 anthracite	★ PG 12 ●	★ PG 414 ●	★ PG 675 ●	* PG 967 ●	PG 113 ●	PG 55 ●	PG 80 ●
985 decor	★ PG 22 ●						
pieces per bundle	11	6	6	4	1	16	2
pieces per m²/rm incl. joint	11,00	5,50	3,30	3,30	-	3,30	-
pieces per pallet	572	240	192	100	78	2.880	1.704
m²/rm per bundle	1,00	1,09	1,82	1,21	-	4,85	-
m²/rm per pallet	52,00	43,64	58,18	30,30	-	872,73	-
bundles per pallet	52	40	32	25	78	180	852
kg per pallet	976	901	293	274	290	1.212	682
kg per piece	1,706	3,754	1,526	2,740	3,718	0,421	0,400
kg per m²/rm	18,766	20,647	5,036	9,042	-	1,389	-
kg per bundle	18,766	22,524	9,156	10,960	3,718	6,736	0,800
slip resistance	R 10/A	R 10/A	R 10/A	R 10/A	R 10/A	-	-
load group	5	5	5	5	5	-	-
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) = calibrated 2 = The marked trim pieces are to be used in accordance with the applicable instructions for use from Ströher GmbH as well as applicable standards and informational leaflets.

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

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ZOÉ

Perfect application. And a nice feel underfoot. Organic easy cleaning.

Sophisticated screed look with perfect application and a moulding-concept.

Zoé demonstrates its true capabilities when firmly laid with matching ceramic stairs and edges. We call it the "comfort concept". This perfect application is also really easy to achieve with the quick-laying 30 x 30 or 30 x 45 format. Yet it also offers a prestigious look and a nice feel underfoot. And it is completely organic – no impregnation, no time-consuming maintenance with aggressive chemicals, blowtorches, pressure washers or acrobatic scraping of the pointing. Just water and a cloth are enough. This leaves more time for relaxing. And with ceramic tiles, barbecues are no problem. Zoe provides minimalist design with a sophisticated screed look in four colours and a matching loft moulding range.





ZOÉ

Comfort concept. Minimalist design. Quick to lay.

Colours



970 grey



972 taupe



971 greige



973 anthracite



















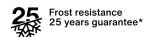








Fade-free Easy maintenance PEI 5 and colourfast and hygienic Abrasion resistant





Zoé product details

DIN EN 14411 stoneware tile, extruded test result precision							
format no.	8031	8045	4815	9430	9441	8110	9010
description	stoneware tile	stoneware tile	loft angle tile 2)	loft stair tread tile® 1) 2) 3)	loft stair tread corner 1)2)3)	skirting	riser corner 1)
nominal size (cm)	30 x 30	30 x 45	30	30	30	30	-
production size (mm)	294 x 294 x 10	444 x 294 x 10	294 x 175 x 52 x 10	294 x 340 x 35 x 11	340 x 340 x 35 x 11	294 x 70 x 10	157 x 52 x 52 x 10
970 grey 971 greige 972 taupe 973 anthracite	* PG 12 ●	★ PG 367 ●	* PG 675 ●	★ PG 967 ●	PG 113 ●	PG 55 ●	PG 80 ●
pieces per bundle	11	6	6	4	1	16	2
pieces per m²/rm incl. joint	11,00	7,41	3,30	3,30	-	3,30	-
pieces per pallet	572	312	192	100	78	2.880	1.704
m²/rm per bundle	1,00	0,81	1,82	1,21	-	4,85	-
m²/rm per pallet	52,00	42,11	58,18	30,30	-	872,73	-
bundles per pallet	52	52	32	25	78	180	852
kg per pallet	976	869	293	274	290	1.212	682
kg per piece	1,706	2,785	1,526	2,740	3,718	0,421	0,400
kg per m²/rm	18,766	20,637	5,036	9,042	-	1,389	-
kg per bundle	18,766	16,710	9,156	10,960	3,718	6,736	0,800
slip resistance	R 10/A	R 10/A	R 10/A	R 10/A	R 10/A	-	-
load group	5 4)	5 4)	5 4)	5 4)	5 4)	-	-
surcharge	*	*	*	-	-	*	-

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GRAVEL BLEND

Fine grained matrix.

Coarse grained ease of cleaning.

Round rolled pebbles. Extrudet clay. For the antique look with function.

Gravel Blend's surface finish is modelled on conglomerate rock with a fine-grained matrix and riverpebble inclusions. It is a naturally occurring type of stone that has formed over the course of millions of years since the Alps began to take shape.

Gravel Blend is also created by means of a classic 'baking' process, which makes ceramics very resistant. This is known as 'extrusion' of moist raw clay. Fired using the most modern furnace technology, Gravel Blend combines the primeval appearance of 'conglomerate' with the utility of an easy-maintenance, non-slip outdoor surface. Modern, frost resistant and durable.

GRAVEL BLEND

Trendy. Archaic. Extruded.

Colours



960 beige



962 grey



964 taupe



961 brown



963 black



Ströher hard glaze

















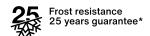








Fade-free Easy maintenance PEI 5 and colourfast and hygienic Abrasion resistant





Gravel Blend product details

DIN EN 14411 stoneware tile, extruded test result precision							
format no.	8031	8062	4815	9430	9441	8110	9010
description	stoneware tile	stoneware tile 1)	loft angle tile 2)	loft stair tread tile 1) 2) 3)	loft stair tread corner 1)2)3)	skirting	riser corner 1)
nominal size (cm)	30 x 30	30 x 60	30	30	30	30	-
production size (mm)	294 x 294 x 10	594 x 294 x 10	294 x 175 x 52 x 10	294 x 340 x 35 x 11	340 x 340 x 35 x 11	294 x 70 x 10	157 x 52 x 52 x 10
960 beige 961 brown 962 grey 963 black 964 taupe	* PG 12 ●	★ PG 414 ●	★ PG 675 ●	★ PG 967 ●	PG 113 ●	PG 55 ●	PG 80 ●
pieces per bundle	11	6	6	4	1	16	2
pieces per m²/rm incl. joint	11,00	5,50	3,30	3,30	-	3,30	-
pieces per pallet	572	240	192	100	78	2.880	1.704
m²/rm per bundle	1,00	1,09	1,82	1,21	-	4,85	-
m²/rm per pallet	52,00	43,64	58,18	30,30	-	872,73	-
bundles per pallet	52	40	32	25	78	180	852
kg per pallet	976	901	293	274	290	1.212	682
kg per piece	1,706	3,754	1,526	2,740	3,718	0,421	0,400
kg per m²/rm	18,766	20,647	5,036	9,042	-	1,389	-
kg per bundle	18,766	22,524	9,156	10,960	3,718	6,736	0,800
slip resistance	R 10/A	R 10/A	R 10/A	R 10/A	R 10/A	-	-
load group	5 ⁴⁾	5 4)	5 4)	5 4)	5 4)	-	-
surcharge	*	*	*	-	-	*	-

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EPOS

Keeps promises. Extruded natural stone ceramic.

Natural stone in design and feel. Thanks to the most up-to-date Extrutec® technology as ever, easy to clean and frost resistant.

Epos is the easy-to-use solution for an environmentally friendly, easy-clean and reliable stone floor effect. Distinctive natural stone ceramic – processed with care; made possible by means of state-of-the-art digital printing technology that does not produce a 'transfer' look that is otherwise common with digital printing.

This is where the 'look' and the 'feel' produce a special impression together. Thanks to Hardglaze 3.0, developed especially for digital printing, you have to look very hard – or feel very carefully – to detect that it isn't really natural stone. And that is combined with the typical hard glaze extra-easy cleaning characteristics.





EPOS

Reliable. Deceptively genuine-looking. Distinctive.

Colours



951 krios



955 eres



952 pidra



957 kawe























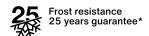






*25 year guarantee

Fade-free Easy maintenance PEI 5 and colourfast and hygienic Abrasion resistant





Epos product details

DIN EN 14411 stoneware tile, extruded test result precision								
format no.	8031	8045	8063	4815	9430	9441	8110	9010
description	stoneware tile	stoneware tile	stoneware tile	loft angle tile 2)	loft stair tread tile ^{® 1) 2) 3)}	loft stair tread corner 1) 2) 3)	skirting	riser corner 1)
nominal size (cm)	30 x 30	30 x 45	30 x 60	30	30	30	30	-
production size (mm)	294 x 294 x 10	444 x 294 x 10	594 x 294 x 10	294 x 175 x 52 x 10	294 x 340 x 35 x 11	340 x 340 x 35 x 11	294 x 70 x 10	157 x 52 x 52 x 10
951 krios 952 pidra	★ PG 12 ●	★ PG 367 ●	★ PG 412 ●	+ PG 675 ●	★ PG 967 ●	PG 113 ●	PG 55 ●	PG 80 ●
955 eres 957 kawe								
pieces per bundle	11	6	6	6	4	1	16	2
pieces per m²/rm incl. joint	11,00	7,41	5,50	3,30	3,30	-	3,30	-
pieces per pallet	572	312	240	192	100	78	2.880	1.704
m²/rm per bundle	1,00	0,81	1,09	1,82	1,21	-	4,85	-
m²/rm per pallet	52,00	42,11	43,64	58,18	30,30	-	872,73	-
bundles per pallet	52	52	40	32	25	78	180	852
kg per pallet	976	869	896	293	274	290	1.212	682
kg per piece	1,706	2,785	3,733	1,526	2,740	3,718	0,421	0,400
kg per m²/rm	18,766	20,637	20,532	5,036	9,042	-	1,389	-
kg per bundle	18,766	16,710	22,398	9,156	10,960	3,718	6,736	0,800
slip resistance	R 10/A	R 10/A	R 10/A	R 10/A	R 10/A	R 10/A	-	-
load group	5	5	5	5	5	5	-	-
surcharge	*	*	*	*	-	-	*	-

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AERA

Confident surface impression. Strong character expression.

Classic on trend floor. Easy-care stone finish. Coarse ceramic natural stone.

For centuries formed under tremendous pressure: That is the history of natural stone's formation. But then a new era dawned: extruded ceramic bodies with characteristic vein inlets, mineral inclusions and natural color play.

As reduced, as cozy or as elegant as the architectural style, the color choice of this flooring determines its appearance. Cool gray, strong anthracite, warm red and distinctive beige - colors with strong character that are associated with the Bauhaus, country house or mansion style trends in contemporary residential architecture.

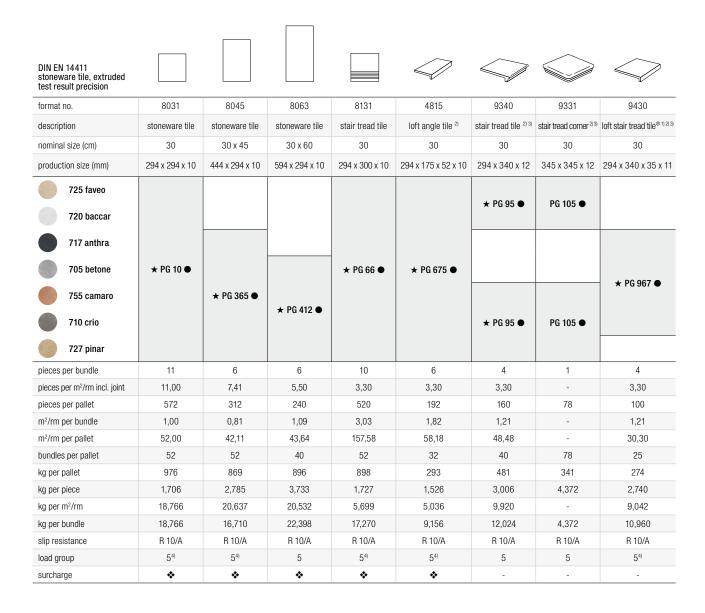
Aera offers the typical Ströher application reliability and the usual conceptual comfort with matching ceramic stair and finishing solutions included. Because the extruded ceramic body ensures maximum outdoor durability when installed in a professional manner.

AERA

Frost-resistant. Slip-proof. Confidently stylish



Aera product details

































hard glaze

Variety of trim pieces

Fade-free and colourfast

and hygienic Abrasion resistant

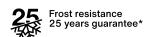
with DIN EN accessories

Ecofriendly

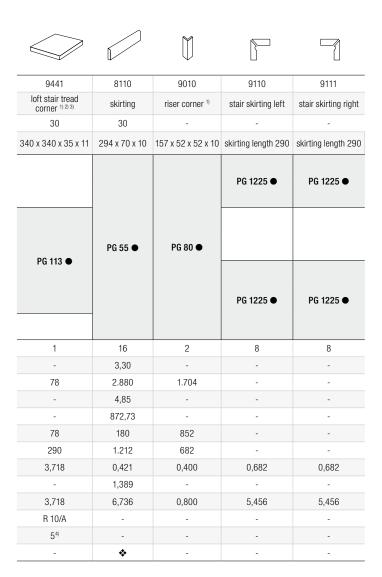
chemicals

Glow-resistant and fireproof

Anti-static





















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- = Minimum quantity: each open box will incur a surcharge. = calibrated = The marked trim pieces are to be used in accordance with the applicable instructions for use from Ströher GmbH as well as applicable standards and informational leaflets. For further information please see catalogue pages 66 ff. or visit our website under www.stroeher.de. = The 345 mm tread depth of the stair tread corner, loft stair tread corner as well the 340 mm tread depth of the stair tread corner, loft stair tread corner and loft stair tread tile allows flexible use and adjustment, even for non-standard stairs.

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AERA

Frost resistant. Anti-slip. Stylish.

Aera product details

DIN EN 14411 stoneware tile, extruded test result precision









format no.	0232/AE 02	0235/AE 02	0600/AE 10	0501/AE 12
description	border	corner piece for border	inlay Fiora	inlay Windrose
nominal size (cm)	30	-	60	A pair from 0501 fit with edge tiles 0503 in
production size (mm)	294 x 72 x 10	72 x 72 x 10	594 x 594 x 10	the 30 cm grid. $\emptyset = 715$ mm
price group	PG 93 ●	PG 86 ●	PG 1188 ●	PG 1231 ●
pieces per m²/rm incl. joint	3,30	-	-	-
kg per piece	0,400	0,200	7,600	7,600
slip resistance	R 10/A	R 10/A	R 10/A	R 10/A
load group	5	5	5	5

0331/710 crio



0331/755 camaro



0331/AE 03



Produced out of the following colours: 710 crio, 720 baccar, 722 paglio, 725 faveo, 750 rubeo, 755 camaro

0232/AE 02 with 0235/725



Produced out of the following colours: 725 faveo, 750 rubeo, 640 maro

0501/AE 12 inlay Wildrose with 0505/750

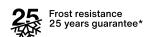


Inlay Windrose with 0505/725 faveo, produced out of the following colours: 720 baccar, 730 beseno, 750 rubeo

0600/AE 10 inlay Fiora



Produced out of the following colours: 725 faveo, 750 rubeo, 640 maro





DIN EN 14411 stoneware tile, extruded test result precision

surcharge





format no.	0503	0331	
description	edge tiles	mosaic surfaces	
nominal size (cm)	30	30 (2,5 x 2,5)	
production size (mm)	894 x 894 x 10	294 x 294 x 10	
725 faveo			
720 baccar	PG 1232 ●		
710 crio	1 4 1252 3		
755 camaro			
717 anthra		PG 495 ●	
705 betone		1 4 100	
727 pinar			
AE 03			
pieces per bundle	1	11	
pieces per m²/rm incl. joint	-	11,00	
kg per piece	8,000	1,500	
slip resistance	R 10/A	R 10/B	
load group	5	54)	

● = Normally available ex stock.PG = Price group (please see current price list).

 $\diamondsuit = \mbox{Minimum quantity: each open box will incur a surcharge.}$

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^{*} Ströher grants a 25-year guarantee on frost resistance for the following selected coarse ceramic products and series when laid professionally by a qualified specialist company: Selected, Zoé, Gravel Blend (except 20 mm porcelain stoneware garden tiles), Epos, Aera, Roccia, Asar, Terra, Stalotec, Brickwerk, Wasserbrand, Kontur, Riegel 50, Handstrich, Steinlinge, Glanzstücke, Zeitlos and Keravette®.

ROCCIA

Relief-stressed, rock-like structure – Ströher evergreens and classics.

Timeless, reliable: typical Roccia. Functional terrace surfacing as a generic term for 'Outdoor Ceramics'.

Every success story is driven by a certain phenomenon. By the stroke of fortune of having the right idea and putting it professionally into practice at exactly the right time – and not just once.

This classic product is the realisation of an idea that timelessly encompasses the zeitgeist. A Mediterranean surface structure combined with the product benefits of genuine coarse ceramic material. Frost resistance and trim pieces variety with a relief-stressed, rock-like structure.

Summer flair that can withstand the winter; winter hardness with the flair of summer. For outside and inside.





ROCCIA

Frost resistant. Anti-slip. Relief-stressed.

Roccia product details



DIN EN 14411 stoneware tile, extruded test result precision					
format no.	8031	8131	4815	9340	9331
description	stoneware tile	stair tread tile	loft angle tile 2)	stair tread tile 2) 3)	stair tread corner 2) 3)
nominal size (cm)	30	30	30	30	30
production size (mm)	294 x 294 x 10	294 x 300 x 10	294 x 175 x 52 x 10	294 x 340 x 12	345 x 345 x 12
833 corda					
845 nero	★ PG 10 ●	★ PG 66 ●		★ PG 95 ●	PG 105 ●
840 grigio			4 DO 075 A		
837 marmos			→ ★ PG 675 ●		
841 rosso	★ PG 8 ●	★ PG 65 ●		★ PG 94 ●	PG 104 ●
835 sandos					
pieces per bundle	11	10	6	4	1
pieces per m²/rm incl. joint	11,00	3,30	3,30	3,30	-
pieces per pallet	572	520	192	160	78
m²/rm per bundle	1,00	3,03	1,82	1,21	-
n²/rm per pallet	52,00	157,58	58,18	48,48	-
oundles per pallet	52	52	32	40	78
kg per pallet	976	898	293	481	341
kg per piece	1,706	1,727	1,526	3,006	4,372
kg per m²/rm	18,766	5,699	5,036	9,920	-
kg per bundle	18,766	17,270	9,156	12,024	4,372
slip resistance	R 10/A	R 10/A	R 10/A	R 10/A	R 10/A
oad group	5	5	5	5	5
surcharge	*	*	*	-	-































hard glaze

Variety of trim pieces

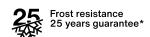
Fade-free Easy maintenance PEI 5 and colourfast and hygienic Abrasion resistant

Ecofriendly

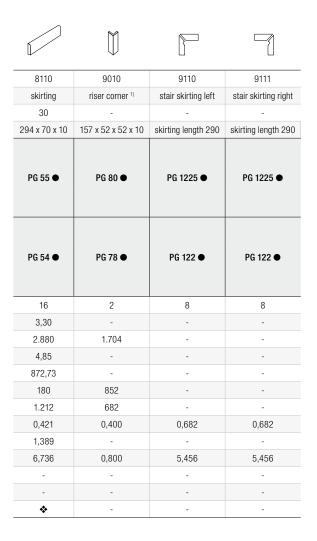
Resistant to chemicals

Glow-resistant and fireproof

Anti-static



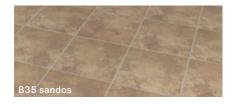
















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^{★ =} Discount on pallets. ● = Normally available ex stock. PG = Price group (please see current price list). ◆ = Minimum quantity: each open box will incur a surcharge.

1) = calibrated 2 = The marked trim pieces are to be used in accordance with the applicable instructions for use from Ströher GmbH as well as applicable standards and informational leaflets. For further information please see catalogue pages 66 ff. or visit our website under www.stroeher.de. 3 = The 345 mm tread depth of the stair tread corner as well the 340 mm tread depth of the stair tread corner. Ioff stair tread corner and loft stair tread tile allows flexible use and adjustment, even for non-standard stairs.

^{*} Ströher grants a 25-year guarantee on frost resistance for the following selected coarse ceramic products and series when laid professionally by a qualified specialist company: Selected, Zoé, Gravel Blend (except 20 mm porcelain stoneware garden tiles), Epos, Aera, Roccia, Asar, Terra, Stalotec, Brickwerk, Wasserbrand, Kontur, Riegel 50, Handstrich, Steinlinge, Glanzstücke, Zeitlos and Keravette®.

ROCCIA

Frost resistant. Anti-slip. Relief-stressed.

Roccia product details

DIN EN 14411 stoneware tile, extruded test result precision





format no.	0500	0504	
description	inlay Octagon	inlay Astra	
nominal size (cm)	0500 or 0504 fit to	gether with edge tile	
production size (mm)	0503 in the 30 cm grid. Ø = 715 mm		
price group	PG 1231 ●	PG 1231 ●	
pieces per m²/rm incl. joint	-	-	
kg per piece	7,600	7,000	
slip resistance	R 10/A	R 10/A	
load group	5	5	

0504 inlay Astra with 0503/840



Produced out of the following colours: 837 marmos, 840 grigio, 845 nero

0500 inlay Octagon with 0505/837



Produced out of the following colours: 835 sandos, 711 onda, 837 marmos

DIN EN 14411 stoneware tile, extruded test result precision

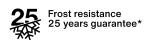


format no.	0503	
description	edge tile	
nominal size (cm)	30	
production size (mm)	894 x 894 x 10	
833 corda		
845 nero		
840 grigio	PG 1232 ●	
837 marmos		
841 rosso		
835 sandos		
pieces per bundle	1	
pieces per m²/rm incl. joint	-	
kg per piece	8,000	
slip resistance	R 10/A	
load group	5	
surcharge	-	

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

^{🖜 =} Normally available ex stock. PG = Price group (please see current price list). 💠 = Minimum quantity: each open box will incur a surcharge. 1) = Not suitable for outdoor use due to natural stone inlays.

^{*} 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® Roccia, Keraplatte® Asar, Keraplatte® Terra, Stalotec®, Brickwerk, Wasserbrand, Kontur, Riegel 50, Handstrich, Steinlinge, Glanzstücke, Zeitlos, and Keravette®. Please find further explanations in our general terms and conditions.





DIN EN 14411 stoneware tile, extruded test result precision







format no.	8503/837	0232/R0 08	0242/R0 12
description	triangle	border 1)	border
nominal size (cm)	25	30	25
production size (mm)	240 x 125 x 10	294 x 80 x 10	240 x 85 x 10
price group	PG 80 ●	PG 93 ●	PG 89 ●
pieces per m²/rm incl. joint	-	3,30	4,00
kg per piece	0,260	0,500	0,300
slip resistance	R 10/A	R 10/A	R 10/A
load group	5	5	5

8503/837 triangle



Produced out of the following colours: 711 onda, 837 marmos

0232/RO 08 border¹⁾



Produced out of the following colours: 833 corda, natural stone

0242/RO 12 border



Produced out of the following colours: 837 marmos, 840 grigio, 845 nero





ASAR

Powerful understatement. In a top-performing application concept.

Modern ceramics with an understatement. Application-oriented and loft line-reduced.

Asar is the embodiment of application-oriented understated ceramics for greater freedom. Discreet, almost diffident in its design. Neither dainty nor bulky in its format. The color scheme is intense and expressive.

The extensive range of preformed parts features naturally in a modern loft design. For application-proof concept design convenience and maximum outdoor durability. Not only for outdoors, but also for indoors.

ASAR

Frost-resistant. Slip-proof. Application-oriented.

Colours





645 giru























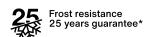








Fade-free Easy maintenance PEI 5 and colourfast and hygienic Abrasion resistant





Asar product details

DIN EN 14411
stoneware tile, extruded
test result precision













test result precision							
format no.	8031	4815	9430	9441	8110	9010	0331
description	stoneware tile	loft angle tile 2)	loft stair tread tile® 1) 2) 3)	loft stair tread corner 1) 2) 3)	skirting	riser corner 1)	mosaic surfaces
nominal size (cm)	30	30	30	30	30	-	30 (2,5 x 2,5)
production size (mm)	294 x 294 x 10	294 x 175 x 52 x 10	294 x 340 x 35 x 11	340 x 340 x 35 x 11	294 x 70 x 10	157 x 52 x 52 x 10	294 x 294 x 10
640 maro 645 giru	★ PG 10 ●	★ PG 675 ●	★ PG 967 ●	PG 113 ●	PG 55 ●	PG 80 ●	PG 495 ●
pieces per bundle	11	6	4	1	16	2	11
pieces per m²/rm incl. joint	11,00	3,30	3,30	-	3,30	-	11,00
pieces per pallet	572	192	100	78	2.880	1.704	-
m²/rm per bundle	1,00	1,82	1,21	-	4,85	-	1,00
m²/rm per pallet	52,00	58,18	30,30	-	872,73	-	-
bundles per pallet	52	32	25	78	180	852	-
kg per pallet	976	293	274	290	1.212	682	-
kg per piece	1,706	1,526	2,740	3,718	0,421	0,400	1,500
kg per m²/rm	18,766	5,036	9,042	-	1,389	-	16,500
kg per bundle	18,766	9,156	10,960	3,718	6,736	0,800	16,500
slip resistance	R 10/A	R 10/A	R 10/A	R 10/A	-	-	R 10/B
load group	5 ⁴⁾	5 4)	5 4)	5 4)	-	-	5 4)
surcharge	*	*	-	-	*	-	*

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1) = calibrated 2) = The marked trim pieces are to be used in accordance with the applicable instructions for use from Ströher GmbH as well as applicable standards and informational leaflets. For further information please see catalogue pages 66 ff. or visit our website under www.stroeher.de. 3) = The 340 mm tread depth of the loft stair tread corner® and loft tread tile® allows flexible use and adjustment, even for non-standard stairs. 4) = Colour 645 giru meets loadgroup 4.

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

* Ströher grants a 25-year guarantee on frost resistance for the following selected coarse ceramic products and series when laid professionally by a qualified specialist company: Selected, Zoé, Gravel Blend (except 20 mm porcelain stoneware garden tiles), Epos, Aera, Roccia, Asar, Terra, Stalotec, Brickwerk, Wasserbrand, Kontur, Riegel 50, Handstrich, Steinlinge, Glanzstücke, Zeitlos and Keravette®.



TERRA

Vibrant colours.
Original and resilient.

Classic, unique tunnel kiln product. coloured through, sintered through, durable and easy to clean.

The warm earth tones and surface give the floor an unadulterated, natural look. Terra is ceramic in its original, perhaps even primeval form.

No glaze is needed to achieve this intense colouring and the striking variations in tone. This is where the distinctively intense colours come about quite naturally through the special tunnel kiln firing. And the result is coloured right through and also durable.





TERRA

Frost resistant. Anti-slip. Original.



Terra product details

DIN EN 14411 stoneware tile, extruded test result precision						
format no.	1100	1610	4822	4824	9240	9331
description	split tile	split tile	angle tile 2)	angle tile with grooves 2)	stair tread tile 2) 3)	stair tread corner 2) 3)
nominal size (cm)	12,5 x 25	25	25	25	25	30
production size (mm)	240 x 115 x 10	240 x 240 x 12	240 x 115 x 52 x 10	240 x 115 x 52 x 10	240 x 340 x 12	345 x 345 x 12
307 wheat ¹⁾ 316 patrician red flashed 215 patrician red	* PG 1 ●	* PG 27 ●	* PG 63 ●	* PG 65 ●	★ PG 91 ●	PG 102 ●
pieces per bundle	20	12	6	6	4	1
pieces per m²/rm incl. joint	33,00	16,00	4,00	4,00	4,00	-
pieces per pallet	1.800	756	684	684	160	78
m²/rm per bundle	0,61	0,75	1,50	1,50	1,00	-
m²/rm per pallet	54,55	47,25	171,00	171,00	40,00	-
bundles per pallet	90	63	114	114	40	78
kg per pallet	1.049	1.095	557	556	415	341
kg per piece	0,583	1,448	0,814	0,813	2,594	4,372
kg per m²/rm	19,239	23,168	3,256	3,252	10,376	-
kg per bundle	11,660	17,376	4,884	4,878	10,376	4,372
slip resistance	R 11/B	R 11/B	R 11/B	R 11/B	R 11/B	R 11/B
load group	≤ 275 mm ³	≤ 275 mm³	≤ 275 mm³	≤ 275 mm³	≤ 275 mm³	≤ 275 mm ³
surcharge	*	*	*	*	-	-



























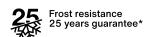
Fade-free and Easy maintenance colourfast and hygienic

Abrasion resistant

Ecofriendly

Resistant to chemicals

Anti-static





9000	9005	9006	2116
riser corner	stair skirting left	stair skirting right	skirting
-	-	-	25
157 x 60 x 60 x 11	skirting length 290	skirting length 290	240 x 73 x 10
PG 78 ●	PG 121 ●	PG 121 ●	PG 50 ●
2	6	6	12
-	-	-	4,00
1.704	648	648	2.208
-	-	-	3,00
-	-	-	552,00
852	108	108	184
682	579	579	963
0,400	0,893	0,893	0,436
-	-	-	1,744
0,800	5,358	5,358	5,232
-	-	-	-
-	-	-	-
-	-	-	*







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1) = DIN EN 14411, Gr. All_{a-Teil} 2) = The marked trim pieces are to be used in accordance with the applicable instructions for use from Ströher GmbH as well as applicable standard-sand informational leaflets. For further information please see catalogue pages 66 ff. or visit our website under www.stroeher.de. 3) = The 345 mm tread depth of the stair tread corner and the 340 mm of the stair tread tile allows flexible use and adjustment, even for non-standard stairs.

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TERRA

Frost resistant. Anti-slip. Original.

Terra product details

DIN EN 14411 stoneware tile, extruded









test result precision			Ψ	•
format no.	9310	9320	4828	4000
description	stair tread tile	stair tread tile	angle tile bulging edge 1)	cove base
nominal size (cm)	12,5	25	25	25
production size (mm)	115 x 300 x14	240 x 300 x 14	240 x 115 x 52 x 10	240 x 96 x 12
215 patrician red	★ PG 72 ●	★ PG 69 ●	★ PG 64 ●	PG 60 ●
pieces per bundle	8	6	6	8
pieces per m²/rm incl. joint	8,00	4,00	4,00	4,00
pieces per pallet	480	384	684	912
m²/rm per bundle	1,00	1,50	1,50	2,00
m²/rm per pallet	60,00	96,00	171,00	228,00
bundles per pallet	60	64	114	114
kg per pallet	547	890	588	686
kg per piece	1,140	2,318	0,860	0,752
kg per m²/rm	9,120	9,272	3,440	3,008
kg per bundle	9,120	13,908	5,160	6,016
slip resistance	R 11/B	R 11/B	R 11/B	-
load group	≤ 275 mm³	≤ 275 mm³	≤ 275 mm³	-
surcharge	*	*	*	*



























Tunnel Completely frost-resistant Variety of kiln fired *25 year guarantee trim pieces

Fade-free and Easy maintenance colourfast and hygienic

Abrasion resistant

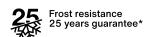
Anti-slip

In compliance with DIN EN

Resistant to chemicals Ecofriendly

Glow-resistant and fireproof

Anti-static









4004	4005
cove base internal corner	cove base external corner
-	-
115 x 96 x 12	115 x 96 x 12
PG 120 ●	PG 120 ●
6 Paar	8 Paar
-	-
684	912
-	-
-	-
114	114
518	514
0,758	0,564
-	-
4,548	4,512
-	-
-	-
-	-

- \bigstar = 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 marked trim pieces are to be used in accordance with the applicable instructions for use from Ströher GmbH as well as applicable standards and informational leaflets. For further information please see catalogue pages 66 ff. or visit our website under www.stroeher.de.

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euramic

RETRO

Nostalgia and zeitgeist combined. Harmonious for your well-being.

Traditional values. Contemporary staging.

Cosmopolitan in style, yet nostalgic. Perfectly authentic in appearance. Poles strive for harmony. The more fast-paced and high-tech life is perceived, the greater the desire for the well-tried and trusted. Throwing an anchor to halt and catch your breath. That is what Retro conveys on the ground. Retro combines the urge for authenticity and the pursuit of simplicity in a floor ceramic that is easy to clean, resilient and frost-resistant.

RETRO

Extruded. Vintage. Trusted.

Colours



E590 grey



E592 anthracite



E591 greige



























Retro product details

DIN EN 14411 stoneware tile, extruded test result precision			
format no.	8030		
description	stoneware tile		
nominal size (cm)	30 x 30		
production size (mm)	294 x 294 x 8		
E590 grau			
E591 greige	★ PG 992 ●		
E592 anthrazit			
pieces per bundle	11		
pieces per m²/rm incl. joint	11,00		
pieces per pallet	704		
m²/rm per bundle	1,00		
m²/rm per pallet	64,00		
bundles per pallet	64		
kg per pallet	1.063		
kg per piece	1,510		
kg per m²/rm	16,610		
kg per bundle	16,610		
slip resistance	R 10/A		
load group	5 ¹⁾		
surcharge	*		

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

 ^{★ =} 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⁾ = Colour E592 anthracite meets loadgroup 4



euramic

CAVAR

Mediterranean airiness. Unpretentious but strong in character.

Holiday atmosphere – 365 days a year.

Application reliability for the balcony or patio.

Vivacious in color and yet soothing in its appearance. A special glaze print creates a depth effect on the body, giving the otherwise rather Mediterranean pastel surface also a touch of southern wildness. The special shank shaped part and the extruded body ensure that "Cavar" is perfectly suitable for outdoor use. Sophisticated in its Mediterranean appeal - but reliable in its application.







CAVAR

Extruded. Mediterranean. Expressive.

Colours



E541 facello



543 fosco



E542 passione



E544 chiaro























Cavar product details

DIN EN 14411 stoneware tile, extruded test result precision				
format no.	8030	9350	4832	8111
description	stoneware tile	stair tread tile2)	angle tile2)	skirting
nominal size (cm)	30 x 30	30	30	30
production size (mm)	294 x 294 x 8	294 x 340 x 11	294 x 115 x 52 x 8	294 x 70 x 8
E544 chiaro E541 facello E542 passione E543 fosco	★ PG 991 ●	★ PG 9982 ●	★ PG 9956 ●	★ PG 9952 ●
pieces per bundle	11	4	6	18
pieces per m²/rm incl. joint	11,00	3,30	3,30	3,30
pieces per pallet	704	160	576	3.240
m²/rm per bundle	1,00	1,21	1,82	5,45
m²/rm per pallet	64,00	48,48	174,55	981,82
bundles per pallet	64	40	96	180
kg per pallet	1.063	440	490	1.221
kg per piece	1,510	2,750	0,851	0,377
kg per m²/rm	16,610	9,075	2,808	1,244
kg per bundle	16,610	11,000	5,106	6,786
slip resistance	R 10/A	R 10/A	R 10/A	-
load group	5 ¹⁾	5 ¹⁾	5 ¹⁾	-
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) = colour E543 fosco meets loadgroup 4 2) = The marked trim pieces are to be used in accordance with the applicable instructions for use from Ströher GmbH as well as applicable standards and informational leaflets. For further information please see catalogue pages 66 ff. or visit our website under www.stroeher.de.

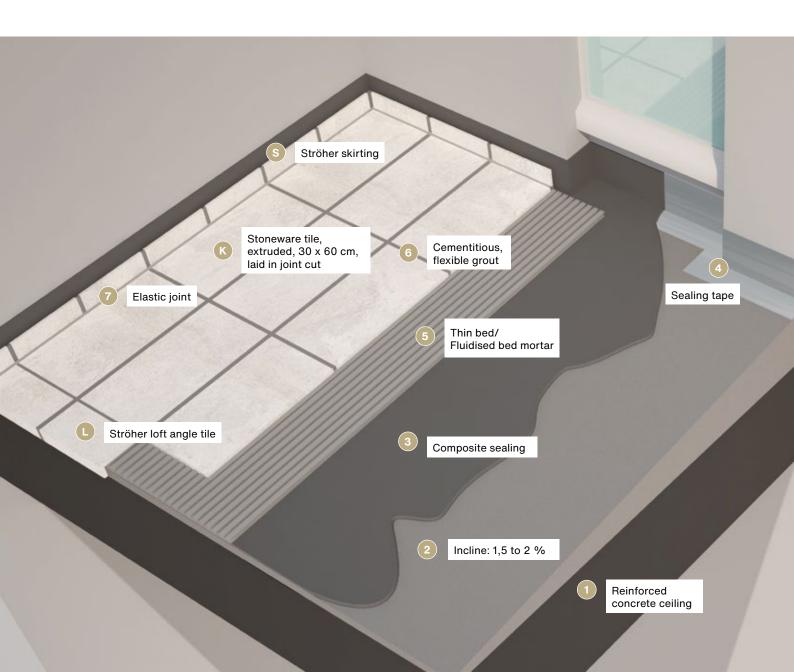
The formats shown are illustrative drawings and are not binding. All information without guarantee.

Application information for outside flooring and outside stairs

Ceramic coverings in outdoor areas must be executed professionally in accordance with the following codes of practice and standards:

- ZDB bulletin "Exterior coverings: Covering constructions with tiles and slabs outside buildings",
 August 2019 edition
- · DIN 18531 Waterproofing of roofs as well as balconies, loggias and arcades
- · DIN 18195 Waterproofing of structures

The recommendation listed here is exemplary and serves only as a simplified, schematic visualisation. Complaints resulting from improper installation cannot be settled by the manufacturer.





Stairs outdoors and flooring edge finishes with angles, florentines or loft stair tread tiles are further to be used as follows:



Always place stair risers behind the beading or behind the edge of the stair tread tile or angle!



Stair construction: We recommend 1–2% of slope for water draining.



Leave a gap of 3–4 mm between the stair riser and the stair tread tile or angle. Do not grout.



Not recommended for placing-and constructional reasons.

To ensure safe stair construction, the riser leg lead is to be positioned behind the stair tread or angle with a gap of 3–4 mm and they are not to be grouted together (see diagram (layout). Outdoors, the application and grouting of both the stair tread in connection to the riser leg leads to damage for constructional reasons.





Outdoor GARDEN SLABS

Gravel Blend 72
Processing instructions 76



Garden slabs.

For loose or fixed tiling of large formats in outdoor areas.

Ströher Garden Slabs are made of a durable and extrastrong 20 mm porcelain stoneware and are ideal for renovations or new construction of surfaces on patios, balconies, roof top terraces, walkways and driveways. Wherever the hurdles of load-bearing limits, by structural design and existing structures challenge the surfacing. The garden slabs can be installed fixed, stilted, or loosely in the gravel or crushed stone bed.

Ströher Garden Slabs are fired at 1,200 °C and possess a hard seal on the ceramic shard. Breeding grounds for moss, algae and vermin are thus ultimately eliminated. Even when facing grease, red wine, damp or other stains, Ströher Garden Slabs resist to soiling. Moreover, they are environmentally friendly, as there is no need to use cleaning chemicals. Just warm water is all it takes.







GRAVEL BLEND

Distinctively contemporary. Archaic appearance for easy-care outdoor living.

Rounded pebbles. Fine-grained matrix. Extra-thick porcelain stoneware.

Gravel Blend's surface finish is modelled on conglomerate rock, with a fine-grained matrix and riverpebble inclusions. Is a naturally occurring type of stone that has formed over the course of millions of years since the Alps began to take shape.

Gravel Blend combines the primeval impression of 'conglomerate' with the utility of an easy-maintenance, non-slip outdoor surface. In a distinctive 2 cm extra-thick 40×80 cm stone block format.

GRAVEL BLEND

On-trend. Distinctive. Extra-thick.

Colours



960 beige



962 grey



961 brown



963 black

















Anti slip

rectified



Gravel Blend product details

DIN EN 14411 porcelain stoneware tiles, rectified



format no.	0187	
description	Gravel Blend garden slab 20 ¹⁾	
nominal size (cm)	40 x 80	
production size (mm)	800 x 400 x 20	
960 beige		
961 brown		
962 grey	★ PG 405 ●	
JUE GIOY		
963 black		
pieces per bundle	2	
pieces per m²/rm incl. joint	3,13	
pieces per pallet	50	
m²/rm per bundle	0,64	
m²/rm per pallet	16,00	
bundles per pallet	25	
kg per pallet	735	
kg per piece	14,700	
kg per m²/rm	45,938	
kg per bundle	29,400	
slip resistance	R 10	

★ = Discount on pallets.

Biscoulit of pallets.
 Normally available ex stock.

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

Minimum quantity: each open box will incur a surcharge.

1) = rectified

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

Installation recommendation for garden slabs

Ceramic surfaces in outdoor areas are to be installed in a professional manner in accordance with the following codes of practice and standards:

- ZDB Leaflet "Exterior surfacing: Surfacing constructions with tiles and slabs outside buildings",
 August 2019 edition.
- · DIN 18531 Waterproofing of roofs as well as balconies, loggias and arcades
- · DIN 18195 Waterproofing of structures

The specified recommendations are exemplary for the purpose of simplified, schematic visualization only. Complaints resulting from improper installation cannot be regulated by the manufacturer.

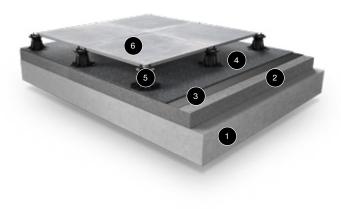
Example structure on stilts

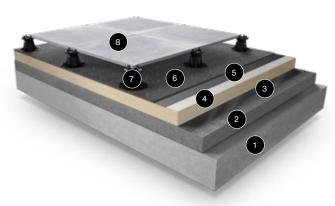
Balcony

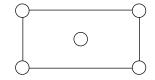
- ① Concrete support slab
- 2 Sloping concrete screed, 1.5 to 2 % slope
- ③ Waterproofing
- 4 Separation layer/building protection mat
- Stilt bearing
- (6) Garden slabs

Flat roof

- ① Concrete support slab
- 2 Sloping concrete screed, min. 2 % slope
- ③ Vapor barrier
- 4 Insulating layer
- ⑤ Waterproofing
- 6 Separation layer/building protection mat
- (7) Stilt bearing
- ® Garden slabs







Stilts point recommendation:

The 40 \times 80 cm Gravel Blend garden slab can also be processed with an additional stilt or support point in the center of the slab.

Example installation in grit bed

Patio, soil-based

- ① Soil ground
- ② Crushed stone bed (grain size 0/32 mm), vibrated
- 3 Water permeable separation layer (Geotextile)
- 4 Grit bed (grain size 2-5 mm)
- ⑤ Grout crosses or gravel and chippings bedding
- 6 Garden slabs

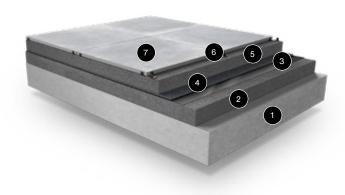


Garden (lawn)

- 1 Soil ground
- ② Grit approx. 5 cm in (grain size 2-5 mm)
- 3 Garden slabs

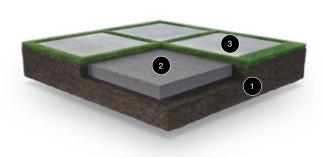
Balcony

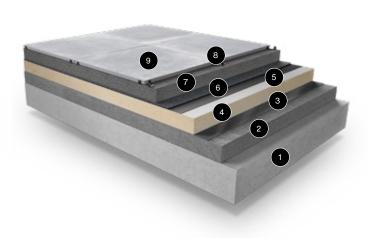
- ① Concrete support slab
- ② Sloping concrete screed, 1.5 to 2 % slope
- ③ Waterproofing
- 4 Building protection mat
- ⑤ Grit bed (grain size 2-5 mm)
- (6) Grout crosses or gravel and grit bedding
- 7 Garden slabs



Flat roof

- ① Concrete support slab
- ② Sloping concrete screed, min. 2 % slope
- 3 Vapor barrier
- 4 Insulating layer
- ⑤ Waterproofing
- 6 Building protection mat
- 7 Grit bed (grain size 2-5 mm)
- ® Grout crosses or gravel and grit bedding
- Garden slabs





Example for fixed installation

Patio, on soil ground

- ① Soil ground
- ② Crushed stones bed (grain size 0/32 mm), vibrated, frost-resistant installation
- 3 Water permeable separation layer (Geotextile)
- 4 Drainage / mono-grain mortar
- ⑤ Thin bed/ Fluid bed mortar
- (a) Garden slabs installed in buttering floating on hardened drainage / mono-grain mortar. (Alternatively, not shown in illustration: Installation in fresh mortar bed. Apply adhesive to back of slab and tap into fresh mortar bed).
- 7 Flexible cementitious grout

The entire structure (including the surfacing) is to be installed with a slope of 1.5 to 2%.

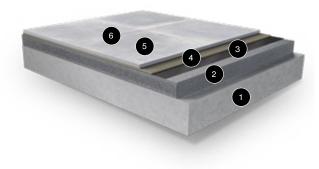


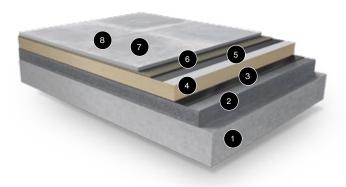
Balcony

- ① Concrete support slab
- ② Sloping concrete screed, 1.5 to 2 % slope
- ③ Waterproofing
- 4 Thin bed/ Fluid bed mortar
- ⑤ Garden slabs installed in buttering floating
- 6 Flexible cementitious grout mortar

Flat roof

- ① Concrete support slab
- ② Sloping concrete screed, min. 2 % slope
- 3 Vapor barrier
- 4 Insulating layer
- ⑤ Waterproofing
- 6 Thin bed/ Fluid bed mortar
- 7 Garden slabs installed in buttering floating
- ® Flexible cementitious grout mortar











Living ceramics
Ströher Living

NEW	Origin Wood	8
	Boost	88
	Purist	9





Ströhen Living

Contemporary Ceramic Culture.

Today's design trends paired with tomorrow's ideas and visions. Self-confident and trendy. No show-off. Yet individual and distinctive.

Inspired by the most diverse natural habitats and materials, it is with great passion, dedication and attention to detail that we create the so distinctive look of our tile series. In a distinctive handwriting that is unmistakable. Distinct and carefully matched to each other, a holistic ceramics flooring and wall concept.

Sustainably manufactured from raw materials obtained in proximity to manufacturing in the most modern and energy-efficient production facilities.

These are tiles from Ströher Living. It is what we understand as a new chapter in contemporary living culture. A natural unity for us and a perfect symbiosis for the diverse, individual interior design styles of our customers of today.







Origin Wood

Nature Looks. In its most original form and abundant beauty.

Natural and cozy in appearance. For a warm to urban atmosphere.

Inspired by the natural look of classic precious woods, Origin Wood is modeled after the natural wood in every detail. The multifaceted grains, striking inclusions and subtly matched warm color nuances characterize the filigree surface design. Amazingly and naturally genuine. Not only visually, but also in touch and comfort.

The choice for the rectified format 23×120 cm includes the precious wood tones oak and walnut. Those who like urban nature will find the perfect tone in sophisticated gray.

Not only stylish, but also slip-proof, the Origin Wood Series with an R/10 B surface also provides the necessary slip protection in wet & barefoot areas such as showers or bathrooms, in representative or public areas, in stores, lobbies or in restaurants.

Origin Wood

Nature Looks. In its most original form and abundant beauty.

Colours







oak



kg per m²/rm kg per bundle

slip resistance

load group

Origin Wood product details

DIN EN 14411 porcelain stoneware tiles, rectified			
description	floor and wall tiles		
nominal size (cm)	23 x 120		
production size (mm)	227 x 1195 x 9,7		
grey	210W.FM02		
walnut	210W.FM03		
oak	210W.FM04		
pieces per bundle	4		
pieces per m²/rm incl. joint	3,69		
pieces per m²/rm incl. joint pieces per pallet	3,69 216		
, ,	,		
pieces per pallet	216		
pieces per pallet m²/rm per bundle	216 1,09		
pieces per pallet m²/rm per bundle m²/rm per pallet	216 1,09 58,60		

20,734

22,500

R 10/B ≤ 175 mm³ Normally available ex stock. Price on request. The formats shown are illustrative drawings and are not binding. All information without guarantee.

Boost

Metropolitan concrete Design. Glam gloss matte effect with a strong structure.

Urban chic: interpreting style with lightness and elegance.

Whether in cool gray, bold anthracite or warm sandy beige, the unmistakable concrete character of our Boost Series creates a very special atmosphere with its oscillating surface effects in a spatula finish and the refined glam-gloss matte effect surface. Boost stands for a gentle urban living feeling with discreet elegance, rather than the typical industrial style. Just for that certain something that creates an individual and unique look.

The high-quality finish of the Boost Series is compelling: available in the 30×60 cm and 60×60 cm formats, the tiles are distinguished by their high dimensional stability and, featuring rectified edges, can be grouted with the smallest possible grout joints. The surface is easy to maintain and has an R10 slip resistance surface.





Boost

Metropolitan concrete Design. Glam gloss matte effect with a strong structure.

Colours



grey satin



greige satin



anthracite satin



Boost product details

DIN EN 14411 porcelain stoneware tiles, rectified			
description	floor and wall tiles	floor and wall tiles	skirting
nominal size (cm)	30 x 60	60 x 60	8 x 60
production size (mm)	300 x 600 x 10	600 x 600 x 10	80 x 600 x 10
grey satin	36B0.FM02	66BO.FM02	86B0.SM02
greige satin	36B0.FM03	66B0.FM03	86B0.SM03
anthracite satin	36B0.FM05	66B0.FM05	86B0.SM05
pieces per bundle	5	4	14
pieces per m²/rm incl. joint	5,56	2,78	1,67
pieces per pallet	240	120	560
m²/rm per bundle	0,90	1,44	8,38
m²/rm per pallet	43,20	43,20	335,33
bundles per pallet	48	30	40
kg per pallet	980	931	599
kg per piece	4,083	7,762	1,070
kg per m²/rm	22,685	21,563	1,787
kg per bundle	20,415	31,048	14,980
slip resistance	R 10	R 10	-
load group	≤ 175 mm³	≤ 175 mm³	-

Normally available ex stock. Price on request. The formats shown are illustrative drawings and are not binding. All information without guarantee.





Purist

Reduction thus strong in design. Focus on the essential.

Understatement with strong charisma. Minimalist yet rich in detail.

A fascinating concrete look. Not typical, yet stylish. Reduced to the essentials. And yet with strong charisma. Homogeneous detailing that takes on the tone of the through-dyed raw material and subtly gradates into the finest nuances from sophisticated gray to a warm greige to intense anthracite. Irregular details typical of concrete, such as optical microcracks and gravel and sand agglomerates of various sizes, intensify the design character. Purist convinces with high-quality manufacturing in the rectified dimensions $30 \times 60 \text{ cm}$ and $60 \times 60 \text{ cm}$.

Purist

Reduction thus strong design. Focus on the essential.

Colours



grey satin



taupe satin



greige satin



anthracite satin



Purist product details

DIN EN 14411 porcelain stoneware tiles, rectified				
description	floor and wall tiles	floor and wall tiles	skirting	mosaic surface
nominal size (cm)	30 x 60	60 x 60	8 x 60	30 (5 x 5)
production size (mm)	300 x 600 x 10	600 x 600 x 10	80 x 600 x 10	300 x 300 x 10
grey satin	36PU.FM02	66PU.FM02	86PU.SM02	33PU.MM02
greige satin	36PU.FM03	66PU.FM03	86PU.SM03	33PU.MM03
taupe satin	36PU.FM04	66PU.FM04	86PU.SM04	33PU.MM04
anthracite satin	36PU.FM05	66PU.FM05	86PU.SM05	33PU.MM05
pieces per bundle	5	4	14	11
pieces per m²/rm incl. joint	5,56	2,778	1,670	11,00
pieces per pallet	240	120	560	330
m²/rm per bundle	0,90	1,440	8,383	1,00
m²/rm per pallet	43,20	43,197	335,329	30,00
oundles per pallet	48	30	40	30
kg per pallet	955	955	599	571
kg per piece	3,980	7,960	1,070	1,730
kg per m²/rm	21,113	21,113	1,787	19,030
kg per bundle	19,900	31,048	14,980	-
slip resistance	R 10	R 10	-	R10/B
load group	≤ 175 mm³	≤ 175 mm³	-	-

Normally available ex stock. Price on request. The formats shown are illustrative drawings and are not binding. All information without guarantee.





Project INDUSTRIAL FLOORINGS

Stalotec® 98





STALOTEC®

Extra strong with extra traction due to overthickness and extrusion.

Coloured through. Abrasion resistant. In many thicknesses Indestructible thanks to continuous firing.

This ceramic was produced in an extrusion process. The highly textured quality of its reverse side enables it to optimally interlock with the ground and yields a tensile bond strength that even withstands dynamic or rolling loads.

After a special tunnel kiln firing hardly any other floor is as tough and hard-wearing as this extruded industrial floor tiling – for indoors and, thanks to integrated frost resistance due to the special production process, for outdoors as well. Solid-coloured for abrasion resistance and with a material thickness of up to 20 mm Stalotec* split tiles withstand even the heaviest mechanical stresses caused by heavy machinery or forklift trucks. Even chemical stress caused by harsh cleaning materials or acids cannot damage the unglazed surface. The right choice when it comes to heavy load stresses, durability and solid quality.

STALOTEC®

Extra strong. Anti-slip. Heavy loads.

Stalotec® product details

DIN EN 14411 stoneware tile, extruded test result precision













format no.	1100	1113	1115	1118	4822	4824
description	split tile	split tile	split tile	split tile	angle tile 2)	angle tile with grooves ²⁾
nominal size (cm)	12,5 x 25	12,5 x 25	12,5 x 25	12,5 x 25	25	25
production size (mm)	240 x 115 x 10	240 x 115 x 13	240 x 115 x 15	240 x 115 x 18	240 x 115 x 52 x 10	240 x 115 x 52 x 10
120 beige	★ PG 5 ○	★ PG 18 ●	★ PG 30 ●	★ PG 42 ●	★ PG 63 ○	★ PG 65 ○
215 red	★ PG 1 ●	★ PG 15 ●	★ PG 21 ●	★ PG 362 ○	★ PG 63 ●	★ PG 65 ●
Pieces per bundle	20	16	13	11	6	6
pieces per m²/rm incl. joint	33,00 1)	33,00 1)	33,00 1)	33,00 1)	4,00	4,00
pieces per pallet	1.800	1.440	1.170	990	684	684
m²/rm per bundle	0,61	0,48	0,39	0,33	1,50	1,50
m²/rm per pallet	54,44	43,64	35,45	30,00	171,00	171,00
bundles per pallet	90	90	90	90	114	114
kg per pallet	1.049	1.097	1.049	1.098	557	556
kg per piece	0,583	0,762	0,897	1,109	0,814	0,813
kg per m²/rm	19,239	25,146	29,601	36,597	3,256	3,252
kg per bundle	11,660	12,192	11,661	12,199	4,884	4,878
slip resistance	R 11/B	R 11/B	R 11/B	R 11/B	R 11/B	R 11/B
load group	≤ 275 mm³	≤ 275 mm³	≤ 275 mm³	≤ 275 mm³	≤ 275 mm³	≤ 275 mm ³
surcharge	*	*	*	*	*	*



























Completely frost-resistant Tough and *25 year guarantee long-lasting

Variety of trim pieces

Fade-free and colourfast

Easy maintenance and hygienic

Abrasion resistant

Anti-slip

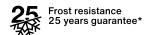
In compliance with DIN EN

Ecofriendly

Resistant to chemicals

Glow and fireproof

Anti-static





ALSO
AVAILABLE IN
R 12 SURFACES!
DELIVERY TERMS
UPON
REQUEST.







V	•	9	46
2116	4000	4004	4005
skirting	cove base	cove base internal corner	cove base external corner
25	25	-	-
240 x 73 x 10	240 x 96 x 12	115 x 96 x 12	115 x 96 x 12
PG 50 ●	PG 60 ●	PG 120 ●	PG 120 ●
12	8	6 Paar	8 Paar
4,00	4,00	-	-
2.208	912	684	912
3,00	2,00	-	-
552,00	228,00	-	-
184	114	114	114
963	686	518	514
0,436	0,752	0,758	0,564
1,744	3,008	-	-
5,232	6,016	4,548	4,512
-	-	-	-
-	-	-	-
*	*	-	-



120 beige



215 red

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

^{★ =} 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⁾ = For tilling by vibration method the number of pieces required increases to 36.3 pieces per m². The price will be adjusted to the number of pieces required. ²⁾ = The marked trim pieces are to be used in accordance with the applicable instructions for use from Ströher GmbH as well as applicable standards and informational leaflets. For further information please see catalogue pages 66 ff. or visit our website under www.stroeher.de.

^{*} Ströher grants a 25-year guarantee on frost resistance for the following selected coarse ceramic products and series when laid professionally by a qualified specialist company: Selected, Zoé, Gravel Blend (except 20 mm porcelain stoneware garden tiles), Epos, Aera, Roccia, Asar, Terra, Stalotec®, Brickwerk, Wasserbrand, Kontur, Riegel 50, Handstrich, Steinlinge, Glanzstücke, Zeitlos and Keravette®.





Facade

CLINKER BRICK SLIPS

UPDATE	Brickwerk	110
UPDATE)	Wasserbrand	114
UPDATE)	Kontur	118
UPDATE	Riegel 50	124
	Handstrich	128
	Steinlinge	132
	Glanzstücke	136
UPDATE	Zeitlos	140
	Keravette®	146
	Processing instructions	150





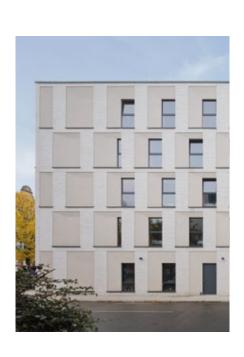
Making the facade not just a facade, but a true statement.

Emphasizing with clinker brick slips.

Clinker brick slips facades do not crumble. Even when scratched. Understatement to statement, we understand clinker brick slips.

Energy-efficient - and sustainably sinter fired. Reduced, oxidized or engobed. Monochrome or in an distinctive, oscillating play of colors. With a wide range of surfaces. From gentle water strokes to expressive charcoal firing. In classic standard size or thin format (NF/DF). Also in the sophisticated long format or bar format.

On the exterior wall of a house, in full cladding or accentuating. For a sustainable statement.







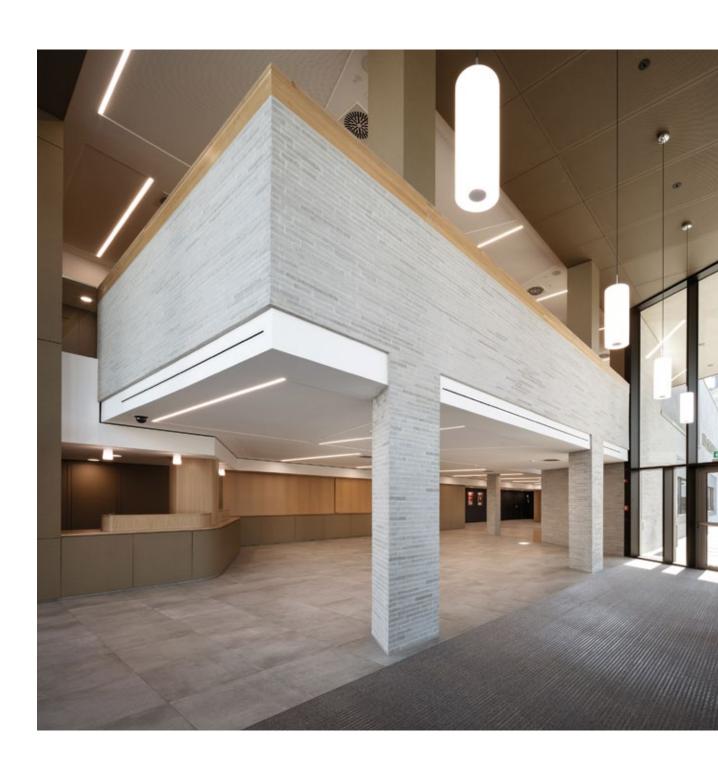
Clinker brick slips remain dazzling.

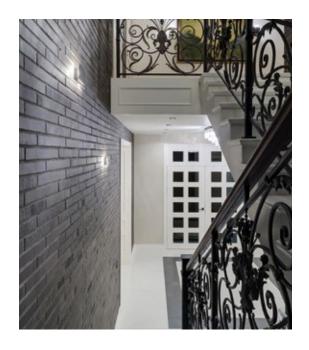
Clinker brick slips are a combination of the archaic and the high-tech. In their application, they integrate aspects such as sustainability, conservation and preservation of value, while supporting an individual and intelligent facade design. Matching the cityscape. Or matching your own or preferred character. Steady in the midst of the constant changes in contemporary architectural trends.

Clinker bricks are a classic building material. And clinker brick slips put exposed masonry right back in the limelight. In combination with external thermal insulation composite systems, clinker brick slips deliver top performance in terms of sustainability and impact.

This building material is our tradition. One we have been reinterpreting in a refreshing way repeatedly for more than 137 years.









Indoors as an accentuating wall decoration. Walls of statement with clinker brick slips.

Providing a new sense of space. And a lasting impression.

Clinker brick slips leave a lasting impression not only on exterior facades. The thin clinker bricks are nowadays used for wall design in a great variety of interiors and provide the desired comfort and atmosphere. The diversity of colors, formats and surfaces opens up almost limitless creative scope for individual design ideas within one's own four walls. Designing with clinker brick slips not only focuses on individual living areas such as the living room, dining area, bathroom, bedroom, staircases, accent wall panels or column cladding, but also creates a new and holistic sense of space.





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.









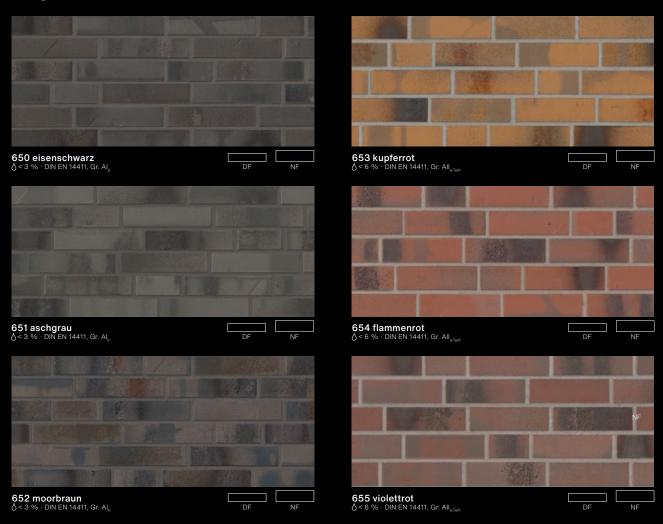


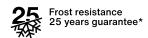


BRICKWERK

Authentic. Intensive colour brilliance. Full-body.

Firings and formats









Brickwerk product details

DIN EN 14411 Clinker brick slips, extruded test result precision						\supset				J]
format no.	81	40	81	42	81	150	81	45	81	147	81	51
description	clinker b	rick slips	cor	ner	lintel	angle	clinker b	rick slips	CO	rner	lintel	angle
nominal size (cm)	[)F	D	F	[)F	N	IF	1	NF	N	F
production size (mm)	240 x	52 x 12	240 x 115	x 52 x 12	240 x 52	x 115 x 12	240 x	71 x 12	240 x 115	5 x 71 x 12	240 x 71	x 115 x 12
650 eisenschwarz												
651 aschgrau	★ PG 445 ●		★ PG 758 ●		★ PG 804 ●		★ PG 445 ●		★ PG 767 ●		★ PG 83 ●	
652 moorbraun												
653 kupferrot												
654 flammenrot		★ PG 448 ●		★ PG 764 ●		★ PG 806 ●		★ PG 448 ●		★ PG 776 ●		★ PG 84 ●
655 violettrot												
pieces per bundle		52	1	4		6	3	19	1	14		1
pieces per m²/rm incl. joint	64	,00	16	,13	4,	00	48	,00	12	2,50	4,	00
pieces per pallet	4.5	212	9.	10	6	84	3.1	159	9	10	4:	56
m²/rm per bundle	0,	81	0,	87	1,	50	0,	81	1,	,12	1,	00
m²/rm per pallet	65	,81	56	,42	17	1,00	65	,81	72	2,80	114	1,00
bundles per pallet	3	31	6	5	1	14	8	1	6	65	1	14
kg per pallet	1.314	1.390	420	446	614	650	1.349	1.428	562	596	488	518
kg per piece	0,312	0,330	0,462	0,490	0,898	0,951	0,427	0,452	0,618	0,655	1,070	1,135
kg per m²/rm	19,968	21,120	7,452	7,904	3,592	3,804	20,496	21,696	7,725	8,188	4,280	4,540
kg per bundle	16,224	17,160	6,468	6,860	5,388	5,706	16,653	17,628	8,652	9,170	4,280	4,540
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. The squareness of angled aprons is defined in the Ströher factory standard. The permissible tolerance value is α ±1.5°. For more information, see the section "General requirements and testing" on page 154.

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

* Ströher grants a 25-year guarantee on frost resistance for the following selected coarse ceramic products and series when laid professionally by a qualified specialist company: Selected, Zoé, Gravel Blend (except 20 mm porcelain stoneware garden tiles), Epos, Aera, Roccia, Asar, Terra, Stalotec, Brickwerk, Wasserbrand, Kontur, Riegel 50, Handstrich, Steinlinge, Glanzstücke, Zeitlos and Keravette®.

























Anti-static



insulation systems

Wheaterproof

Economic

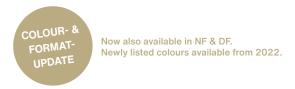
In compliance with DIN EN

Easy maintenance and hygienic

Ecofriendly

Resistant to chemicals





WASSER BRAND

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.



240 x 52 x 12 mm DF

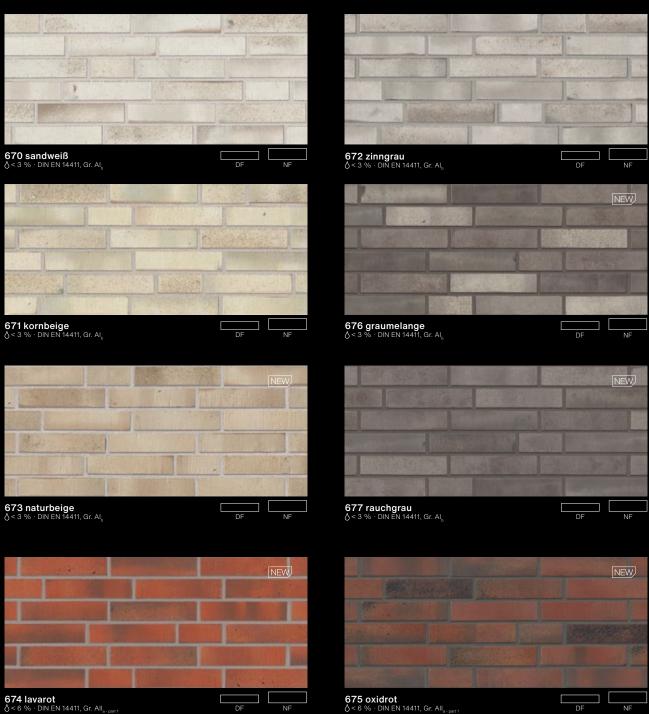


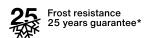
240 x 71 x 12 mm

WASSERBRAND

Powerful. Tender. Untamed.

Firings and formats









Wasserbrand product details

DIN EN 14411 Clinker brick slips, extruded test result precision				J		\supset						
format no.	81	40	81	42	81	50	81	45	81	47	81	51
description	clinker b	rick slips	cor	ner	lintel	angle	clinker b	rick slips	cor	mer	lintel	angle
nominal size (cm)		F	D	F)F	N	IF	N	IF	N	F
production size (mm)	240 x	52 x 12	240 x 115	x 52 x 12	240 x 52	x 115 x 12	240 x	71 x 12	240 x 115	5 x 71 x 12	240 x 71 x	x 115 x 12
670 sandweiß												
671 kornbeige	★ PG 31 ●		★ PG 755 ●		★ PG 88 ●		★ PG 31 ●		★ PG 768 ●		★ PG 85 ●	
673 naturbeige												
672 zinngrau												
676 graumelange	★ PG 342 ●		★ PG 756 ●		★ PG 90 ●		★ PG 342 ●		★ PG 771 ●		★ PG 87 ●	
677 rauchgrau												
674 lavarot		★ PG 392 ●		★ PG 759 ●		★ PG 795 ●		★ PG 392 ●		★ PG 769 ●		★ PG 822 ●
675 oxidrot		X 1 4 552 5		X 1 4 7 5 5		A 1 4 7 5 5 C		A 1 0 002 0		A 1 4 7 5 5		A 1 0 022 C
pieces per bundle	5	i2	1	4		6	3	39	1	4	4	1
pieces per m²/rm incl. joint	64	,00	16	,13	4,	00	48	,00	12	,50	4,	00
pieces per pallet	4.2	212	9-	10	6	84	3.1	159	9	10	45	56
m²/rm per bundle	0,	81	0,	87	1,	50	0,	81	1,	12	1,	00
m²/rm per pallet		,81		,42		1,00		,81		,80	114	
bundles per pallet		i1	6			14		81		55	11	
kg per pallet	1.314	1.390	420	446	614	650	1.349	1.428	562	596	488	518
kg per piece	0,312	0,330	0,462	0,490	0,898	0,951	0,427	0,452	0,618	0,655	1,070	1,135
kg per m²/rm	19,968	21,120	7,452	7,904	3,592	3,804	20,496	21,696	7,725	8,188	4,280	4,540
kg per bundle	16,224	17,160	6,468	6,860	5,388	5,706	16,653	17,628	8,652	9,170	4,280	4,540
surcharge	•	>	•	>	•	٠	· ·	>	<u> </u>	٠	•	>

★ = 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 squareness of angled aprons is defined in the Ströher factory standard. The permissible tolerance value is $\alpha \pm 1.5$ °. For more information, see the section "General requirements and testing"

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Completely frost-resistant *25 year guarantee

insulation systems

Wheaterproof

Economic

In compliance with DIN EN

and hygienic

Ecofriendly

Glow-resistant and fireproof

Anti-static



KONTUR

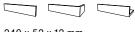
Perfectly natural. Fusion finish. Clinker body.

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.

440 x 52 x 12 mm XXL DF long format



240 x 52 x 12 mm

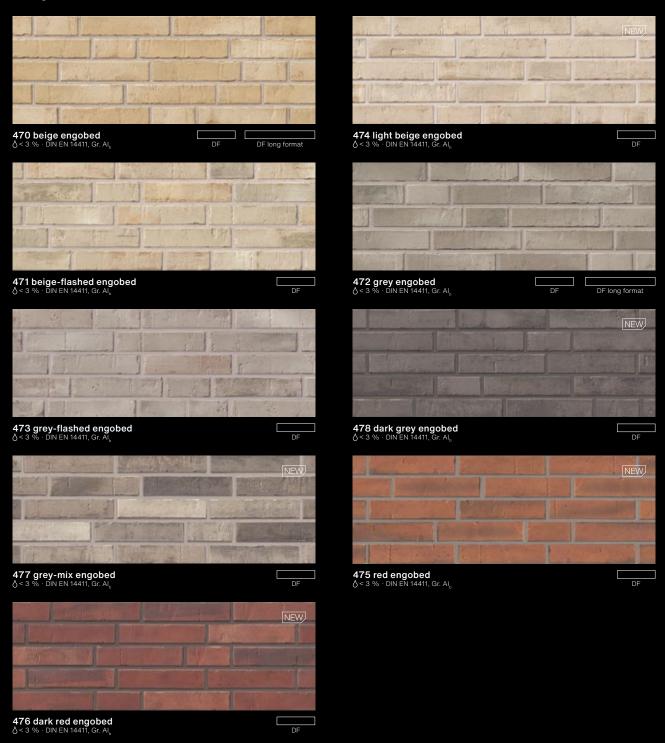


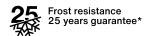


KONTUR

Expressive. Next-level brick slips. The best of both worlds.

Firings and formats Kontur EG









Kontur EG product details

DIN EN 14411 Clinker brick slips, extruded test result precision test result nature					
format no.	8016	8018	8003	8114	
description	clinker brick slips	clinker brick slips	corner	lintel angle	
nominal size (cm)	DF	XXL DF long format	DF	DF	
production size (mm)	240 x 52 x 12	440 x 52 x 12	240 x 115 x 52 x 12	240 x 52 x 115 x 12	
470 beige engobed 472 grey engobed 471 beige-flashed engobed		★ PG 466 ●			
473 grey-flashed engobed 474 light beige engobed	★ PG 26 ●		★ PG 754 ●	★ PG 779 ●	
477 grey-mix engobed 478 dark grey engobed					
475 red engobed 476 dark red engobed					
pieces per bundle	52	32	14	6	
pieces per m²/rm incl. joint	64,00	34,57	16,13	4,00	
pieces per pallet	4.212	1.216	910	684	
m²/rm per bundle	0,81	0,93	0,87	1,50	
m²/rm per pallet	65,81	35,18	56,42	171,00	
bundles per pallet	81	38	65	114	
kg per pallet	1.314	689	420	614	
kg per piece	0,312	0,567	0,462	0,898	
kg per m²/rm	19,968	19,601	7,452	3,592	
kg per bundle	16,224	18,144	6,468	5,388	
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 squareness of angled aprons is defined in the Ströher factory standard. The permissible tolerance value is a ±1.5 °. For more information, see the section "General requirements" and testing" on page 154.

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Completely frost-resistant *25 year guarantee

insulation systems

Wheaterproof

Economic

In compliance with DIN EN

Easy maintenance and hygienic

Ecofriendly

Resistant to chemicals

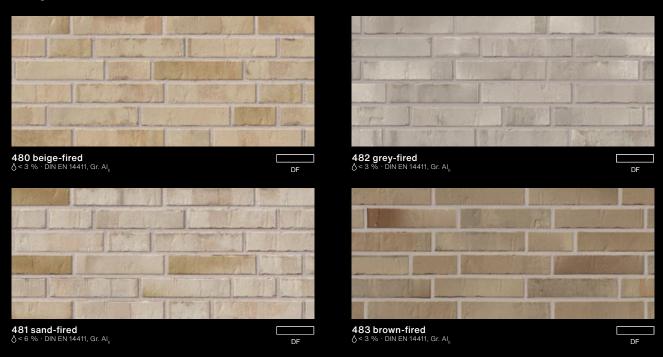
Glow-resistant and fireproof

Anti-static

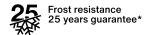
KONTUR

Expressive. Next-level brick slips. The best of both worlds.

Firings and formats Kontur CG









Kontur CG product details

DIN EN 14411 Clinker brick slips, extruded test result precision				
format no.	8020	8000	8112	
description	clinker brick slips	corner	lintel angle	
nominal size (cm)	DF	DF	DF	
production size (mm)	240 x 52 x 12	240 x 115 x 52 x 12	240 x 115 x 52 x 12	
480 beige-fired 481 sand-fired 482 grey-fired 483 brown-fired	★ PG 26 ●	★ PG 754 ●	★ PG 779 ●	
pieces per bundle	52	14	6	
pieces per m²/rm incl. joint	64,00	16,13	4,00	
pieces per pallet	4.212	910	684	
m²/rm per bundle	0,81	0,87	1,50	
m²/rm per pallet	65,81	56,42	171,00	
bundles per pallet	81	65	114	
kg per pallet	1.314	420	614	
kg per piece	0,312	0,462	0,898	
kg per m²/rm	19,968	7,452	3,592	
kg per bundle	16,224	6,468	5,388	
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 squareness of angled aprons is defined in the Ströher factory standard. The permissible tolerance value is a ±1.5 °. For more information, see the section "General requirements" and testing" on page 154.

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Anti-static

Wheaterproof

Economic

In compliance with DIN EN

Ecofriendly

Glow-resistant and fireproof





RIEGEL 50

Voguish long format. For a particularly straight-lined design.

Blue-fired, sinter patina or finely tuned "used look". Simple and yet exhilarating in state-of-the-art format.

Successful contemporary architecture requires more than just a particularly straightlined design today. Contemporary architecture emphasizes intelligent building technology on the inside. The exterior features a state-of-the-art building skin that breathes with natural materials.

Riegel 50 combines the archaic look of blue-fired, a muted sintered patina, or a subtle "used look" with the stylish slenderness of the long format in a very in vogue way.

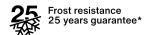
Because materials with character and soul are trending. Architecturally, they provide an exciting counterpoint to modern, minimalist design. For the soul, they are a soothing anchor. A base that leaves room for the genuine and authentic. Age and wear are allowed to become apparent here. Strong in character, they create a sense of security in a modern subtle way.

RIEGEL 50

In vogue. Line-emphasized. Extra-long.

Firings and formats







Riegel 50 product details

DIN EN 14411 Clinker brick slips, extruded test result precision test result nature								
format no.	7756	7750	7753	7760	7751	7754	7761	7757
description	clinker brick slips	clinker brick slips	clinker brick slips	clinker brick slips	corner	corner	corner	corner
nominal size (cm)	bar shape	bar shape	bar shape	DF	bar shape	bar shape	DF	bar shape
production size (mm)	490 x 40 x 14	490 x 40 x 14	490 x 40 x 14	240 x 52 x 14	240 x 115 x 40 x 14	240 x 115 x 40 x 14	240 x 115 x 52 x 14	240 x 115 x 40 x 14
452 silver-grey used-look	★ PG 487 ●			★ PG 29 ●			★ PG 774 ●	★ PG 774 ●
453 silver-black			★ PG 487 ●			★ PG 774 ●		
455 brown-blue 456 black-blue		★ PG 487 ●			★ PG 774 ●			
pieces per bundle	18	18	18	18	21	21	14	21
pieces per m²/rm incl. joint	38,31	38,31	38,31	64,00	19,23	19,23	16,13	19,23
pieces per pallet	1.080	1.080	1.080	2.070	1.365	1.365	910	1.365
m²/rm per bundle	0,47	0,47	0,47	0,28	1,09	1,09	0,87	1,09
m²/rm per pallet	28,19	28,19	28,19	32,34	70,98	70,98	56,42	70,98
bundles per pallet	60	60	60	115	65	65	65	65
kg per pallet	711	704	700	820	620	603	532	644
kg per piece	0,658	0,652	0,648	0,396	0,454	0,442	0,585	0,472
kg per m²/rm	25,208	24,978	24,825	25,344	8,730	8,500	9,436	9,077
kg per bundle	11,844	11,736	11,664	7,128	9,534	9,282	8,190	9,912
surcharge	*	*	*	*	*	*	*	*

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Wheaterproof





















tunnel kiln fired

insulation systems

Economic

and hygienic

Glow-resistant and fireproof

Anti-static

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.



240 x 52 x 12 mm DF

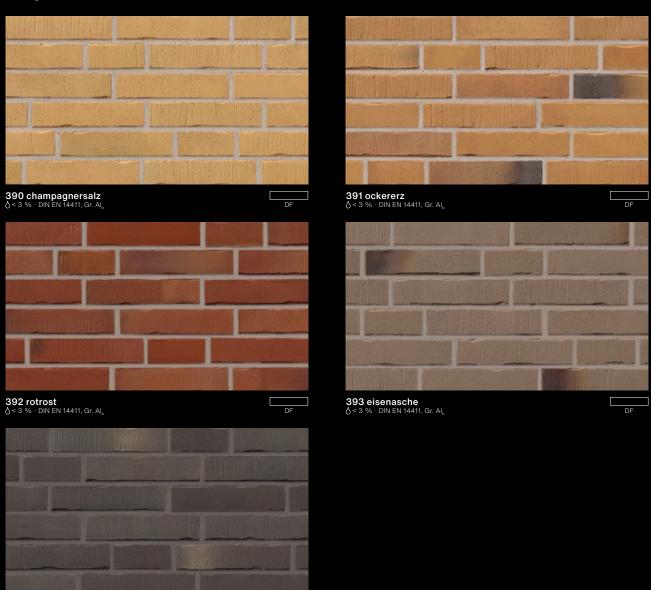


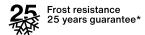
HANDSTRICH

Hand formed edge. Water-struck surface. But green-tech.

Firings and formats

394 schwarzkreide ♦ 6 % · DIN EN 14411, Gr. All_{a - Part 1}





DIN EN 14411



Handstrich product details

DIN EN 14411 Clinker brick slips, extruded test result precision				
format no.	7650	7651		
description	clinker brick slips	corner		
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	★ PG 434 ●	★ PG 765 ●		
393 eisenasche				
394 schwarzkreide				
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	820	512		
kg per piece	0,396	0,563		
kg per m²/rm	25,344	9,081		
kg per bundle	7,128	7,882		
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.

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Economic



















Glow-resistant and fireproof

Anti-static

Suitable for insulation systems

Wheaterproof

In compliance with DIN EN

Fade-free and colourfast

Easy maintenance and hygienic

Ecofriendly



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 weatherproofing. 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.



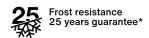
240 x 71 x 12 mm NF

STEINLINGE

Hand-made look. Exactly sized. Mythical.

Firings and formats







Steinlinge product details

DIN EN 14411 Clinker brick slips, extruded test result precision				
format no.	7370	7371		
description	clinker brick slips	corner		
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	★ 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	1.087	697		
kg per piece	0,525	0,766		
kg per m²/rm	25,200	9,575		
kg per bundle	9,450	10,724		
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 squareness of angled aprons is defined in the Ströher factory standard. The permissible tolerance value is α ±1.5 °. For more information, see the section "General requirements and testing" on page 154.

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Economic

















Completely frost-resistant *25 year guarantee Tunnel kiln fired

Suitable for insulation systems

Wheaterproof

In compliance with DIN EN

and hygienic

Ecofriendly

Glow-resistant and fireproof

Anti-static



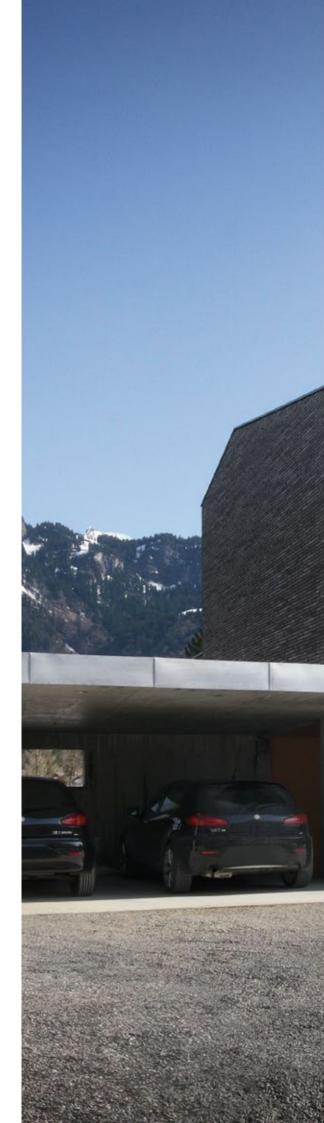
GLANZ STÜCKE

Retro-brick with sheen effect. Extra slim. Long format.

Extruded vintage look with shine effect and with a used look texture. Quick slurry application.

Extra slim retro brick in long format $440 \times 52 \times 14$ 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 hightech brick veneer in high sinter quality, it's a pièce de résistance of energy-conscious "shell" design.



440 x 52 x 14 mm XXL DF long format

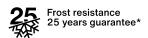


GLANZSTÜCKE

Vintage Look. Shine effect. Extra slim.

Firings and formats







Glanzstücke product details

DIN EN 14411 Clinker brick slips, extruded test result nature			
format no.	2452	2453	
description	clinker brick slips	corner	
nominal size (cm)	XXL DF long format	DF	
production size (mm)	440 x 52 x 14	240 x 115 x 52 x 14	
Glanzstück № 1			
Glanzstück № 2		★ PG 774 ●	
Glanzstück № 3	★ PG 464 ●		
Glanzstück № 4	X FG 404 •	X FG 774	
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	848	508	
kg per piece	0,725	0,558	
kg per m²/rm	25,063	8,722	
kg per bundle	13,050	7,812	
surcharge	*	*	

= Discount on pallets.

= Normally available ex stock.

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

= Minimum quantity: each open box will incur a

The squareness of angled aprons is defined in the Ströher factory standard. The permissible tolerance value is α ±1.5 °. For more information, see the section "General requirements and testing" on page 154.

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Wheaterproof



















Glow-resistant and fireproof

Suitable for insulation systems

Economic

In compliance with DIN EN

Fade-free and colourfast

and hygienic

Ecofriendly

Anti-static





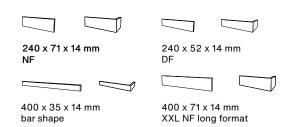
ZEITLOS

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 and DF format 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.

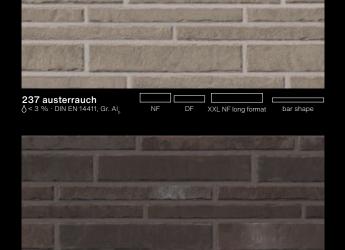


ZEITLOS

Archaic. Technically perfect. Energy-conscious.

Firings and formats

359 kohleglanz ♦< 3 % · DIN EN 14411, Gr. Al_b

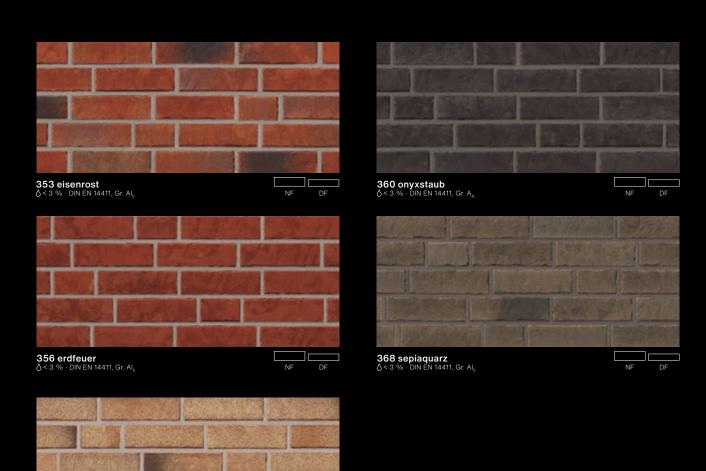




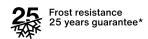














Zeitlos product details

DIN EN 14411



Clinker brick slips, extruded test result precision test result nature							
format no.	7470	7450	7440	7435	7471	7451	7436
description	clinker brick slips	clinker brick slips	clinker brick slips	clinker brick slips	corner	corner	corner
nominal size (cm)	NF	DF	XXL NF long format	bar shape	NF	DF	bar shape
production size (mm)	240 x 71 x 14	240 x 52 x 14	400 x 71 x 14	400 x 35 x 14	240 x 115 x 71 x 14	240 x 115 x 52 x 14	240 x 115 x 35 x 14
352 kupferschmelz 354 bronzebruch							
356 erdfeuer 351 kalkbrand							
353 eisenrost 355 sandschmelz	★ PG 413 ●	★ PG 413 ●			★ PG 775 ●	★ PG 79 ●	
357 backstein 237 austerrauch 359 kohleglanz			★ PG 488 ●	★ PG 477 ●			★ PG 773 ●
360 onyxstaub 368 sepiaquarz							
pieces per bundle	18	18	18	36	14	14	21
pieces per m²/rm incl. joint	48,00	64,00	29,24	51,64	12,50	16,13	21,30
pieces per pallet	2.070	2.070	1.170	2.340	910	910	1.365
m²/rm per bundle	0,38	0,28	0,62	0,70	1,12	0,87	0,99
m²/rm per pallet	43,13	32,34	40,01	45,31	72,80	56,42	64,08
bundles per pallet	115	115	65	65	65	65	65
kg per pallet	1.087	805	1.028	1.088	702	510	527
kg per piece	0,525	0,389	0,879	0,465	0,771	0,560	0,386
kg per m²/rm	25,200	24,896	25,702	24,013	9,638	9,033	8,222
kg per bundle	9,450	7,002	15,822	16,740	10,794	7,840	8,106
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 squareness of angled aprons is defined in the Ströher factory standard. The permissible tolerance value is a ±1.5 °. For more information, see the section "General requirements and testing" on page 154.

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

* Ströher grants a 25-year guarantee on frost resistance for the following selected coarse ceramic products and series when laid professionally by a qualified specialist company: Selected, Zoé, Gravel Blend (except 20 mm porcelain stoneware garden tiles), Epos, Aera, Roccia, Asar, Terra, Stalotec, Brickwerk, Wasserbrand, Kontur, Riegel 50, Handstrich, Steinlinge, Glanzstücke, Zeitlos and Keravette®.

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.











Economic

















Anti-static

Completely frost-resistant *25 year guarantee Tunnel kiln fired

Suitable for insulation systems

Wheaterproof

In compliance with DIN EN

Fade-free and colourfast

and hygienic

Ecofriendly

Glow-resistant and fireproof

KERAVETTE®

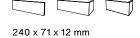
Against wind and weather. and too high energy costs.

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".

10 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.





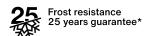


KERAVETTE®

Irresistible. Uncomplicated. Unobtrusive.

Firings and formats







Keravette® product details

DIN EN 14411 Clinker brick slips, extruded test result precision			
format no.	2110	2640	2610
description	clinker brick slips	corner	corner
nominal size (cm)	NF	NF	NF
production size (mm)	240 x 71 x 11	240 x 115 x 71 x 11	175 x 52 x 71 x 11
215 patrician red	★ PG 35 ●		
316 patrician red flashed			
330 graphite			
336 metallic black		★ PG 77 ●	
325 achatblue-flashed			
318 palace	★ PG 37 ●		
210 brown			
140 white			
319 royal			★ PG 76 ●
825 sherry			
pieces per bundle	24	16	28
pieces per m²/rm incl. joint	50,00	12,50	12,50
pieces per pallet	2.208	1.040	1.680
m²/rm per bundle	0,48	1,28	2,24
m²/rm per pallet	44,16	83,20	134,40
bundles per pallet	92	65	60
kg per pallet	881	664	603
kg per piece	0,399	0,638	0,359
kg per m²/rm	19,950	7,975	4,488
kg per bundle	9,576	10,208	10,052
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 squareness of angled aprons is defined in the Ströher factory standard. The permissible tolerance value is $\alpha\pm1.5$ °. For more information, see the section "General requirements and testing" on page 154.

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

* Ströher grants a 25-year guarantee on frost resistance for the following selected coarse ceramic products and series when laid professionally by a qualified specialist company: Selected, Zoé, Gravel Blend (except 20 mm porcelain stoneware garden tiles), Epos, Aera, Roccia, Asar, Terra, Stalotec, Brickwerk, Wasserbrand, Kontur, Riegel 50, Handstrich, Steinlinge, Glanzstücke, Zeitlos and Keravette®.











Economic



















Completely frost-resistant *25 year guarantee Tunnel kiln fired

Suitable for insulation systems

Wheaterproof

Fade-free and colourfast

Ecofriendly

Glow-resistant and fireproof

Anti-static



Proper processing of clinker brick slips on facades

Clinker brick slips on outdoor facades require professional installation in accordance with the following standard:

· DIN 18515-1 Exterior wall cladding / May 2015

The specified recommendation is exemplary for the purpose of simplified, schematic visualization only. Complaints resulting from improper installation cannot be regulated by the manufacturer.

PREPARING

Prior to bonding the brick slips, the visible dimensions of the window and door lintels need to be measured. In the rarest cases, the reveal and lintel dimensions correspond to the standardized brick slips dimensions. For this reason, it is necessary to adjust the brick slip bond. The determined visible dimensions are then also transferred to the corners of the wall.



Watch the processing video on YouTube now.



PROCESSING

After dividing the visible heights at the wall corners, the corner brick slips at the outside corners are processed using the floating-buttering method. "Floating" describes the application of the adhesive with a notched trowel in the center bed. "Buttering" is the process of covering the back of the clinker brick slip with adhesive using a trowel. Before the surface is processed, the wall layout should first be determined. In most cases, a "wild" bond is recommended, where five heads are incorporated in one square meter. The head visually replicates the face of a whole brick and is cut from the surface using a tile cutter or flex in the case of clinker brick slips.



Window lintel perfectly replicated with angles.

The corners and clinker brick slips are processed using the floating-buttering method.





Placement of the surface clinker brick slips using a line aid. The clinker brick slips are pressed into the adhesive bed.

The finished surface. After the curing time, grouting can be started.



GROUTING

After the clinker brick slips have been processed, grouting can be started after an adequate curing time (observe the instructions of the mortar manufacturer). Clinker brick slips with smooth surfaces can be processed using the slurry method. There is a wide range of grouts available on the market, but some of them contain plastics and color pigments. Therefore, before selecting a grout, it is essential to consult the grout manufacturer regarding compatibility. All rough, patinated and textured surfaces are grouted conventionally with a pointing trowel and a metal float.



The grouting with a pointing trowel and a metal float in the horizontal direction.

The vertical grouts are easier to apply with a smaller trowel.





Trowel jointing can be used to create different looks.

Sweeping the grout gives it a typical structure.





The finished grout joint.

Always complete sides are grouted.

With the slurry method, the grouts are filled diagonally with the grouting or plaster float. Wall surfaces are to be processed from the top down.





The excess mortar is washed off diagonally with the help of a plaster float with a sponge or foam pad.

The finished, slurred and washed grout.



Conventional grouting with grouting tool

The following Ströher Series require conventional grouting:
Brickwerk, Wasserbrand, Kontur, Riegel 50, Glanzstücke, Handstrich, Steinlinge and Zeitlos.

Grouting using the slurry method

The following Ströher Series can be processed using the pugging method: Keravette®.

General requirements and tests

Keraplatte*, clinker brick slips, extruded

DIN EN 14411, Gr. All_{a-Teil 1} (enqual DIN EN 186, Part 1) appendix B

DIN EN 14411, Gr. Al_b (enqual DIN EN 121) appendix A

Footnotes to tables clinker brick slips, extruded stone ware tiles,

¹⁾Only applicable to tiles with straight edges.

- ²⁾ Due to the firing process slight deviations from the respective standard colours are unavoidable. The extent of the permissible colour deviation should be agreed by the parties concerned. This does not apply to deliberate irregularities in the colour nuances in the facial surface of extruded tiles with low water absorption (which may be unglazed, partly glazed or fully glazed and to the play of colours within a floor cladding, which is required and characteristic of the material concerned. Spots or coloured specks, which have been intentionally applied for decorative reasons, should not be regarded as defects.
- ³⁾ Certain tile decors have a tendency to crazing (glaze cracking). If the manufacturer draws attention to this, the test for crazing resistance according to Standard DIN EN ISO 10545-11 will not be applied.
- ⁴⁾ Slight colour changes should not be taken to indicate chemical attack
- $^{5)}WA \leq 3\%$ appendix A ≤ 275 mm 3 WA 3 9 $\leq 6\%$ appendix B ≤ 393 mm 3

Special note by Ströher GmbH on the Split tiles and Keraplatte": According to the Product Standard DIN EN 14411 frost resistance is "required, if agreed". This applies to requirements of the test according to ISO 10545-12. In addition Split tiles and Keraplatten and terrace slabs if correctly laid satisfy the more stringent conditions in practice extending beyond those covered in the test.

House standard Rectangularity for clinker brick slips	
Tolerance value according to Ströher factory standard a ± 1.5°.	
(0)	

Property								
Dimensions and surface quality 1 cooping and series. 2 cooping and series. 3 cooping and series. 3 cooping and series. 3 cooping and series. 4 cooping and series. 4 cooping and series. 5 cooping and	No.	Property	to DIN E	EN 14411		Clinker brick slips up to edge length 30 cm, Extruded	(natural) Clinker brick slips from edge	
The intring deviation (%) of the mean value for social lief from the work size thickness (W) Signiffraces of edger (Focale surface) The intring deviation (%) from each quality. Lief expension (%) from paramy (%) from each quality. Lief expension (%) from paramy (%)		Length and width The limiting deviation (%) of the mean value for each tile (2 or 4 edges) from the work size (W). Limiting deviation (%) of the mean value for each tile (2 or 4 edges) from the mean value from 10	A 1,00 max. ± 2 mm B 1,25 max. ± 2 mm	A, B 2,00 max. ± 4 mm		stoneware tiles	length 30 cm	
The limiting deviation (ky) from the straightness, taken on the corresponding work size value.	2	The limiting deviation (%) of the mean value for	±					
4. Rectangularity* Limiting deviation (%) from rectangularity, Limiting deviation (%) from rectangularity, Limiting deviation (%) from planarity The limiting deviation (%) from planarity Limiting deviation (%) from planarit	3	The limiting deviation (%) from the straightness,	± 0,5	± 0,6	ISO	fulfilled	fulfilled	
The limiting deviation (%) from planarity; a) Central curvature, (taken on the diagonal calculated from the work size b) Edge curvature (camber), taken on the corresponding work size c) Twist (formerly warpage), taken on the diagonal calculated from the work size c) Twist (formerly warpage), taken on the diagonal calculated from the work size c) Twist (formerly warpage), taken on the diagonal calculated from the work size c) Twist (formerly warpage), taken on the diagonal calculated from the work size c) Twist (formerly warpage), taken on the diagonal calculated from the work size c) Twist (formerly warpage), taken on the diagonal calculated from the work size c) Twist (formerly warpage), taken on the diagonal calculated from the work size c) Twist (formerly warpage), taken on the diagonal calculated from the work size c) Twist (formerly warpage), taken on the diagonal calculated from the work size c) Twist (formerly warpage), taken on the diagonal calculated from the work size c) Twist (formerly warpage), taken on the diagonal calculated from the work size c) Twist (formerly warpage), taken on the diagonal calculated from the work size c) Twist (formerly warpage), taken on the diagonal calculated from the work size c) Twist (formerly warpage), taken on the diagonal calculated from the work size c) Twist (formerly warpage), taken on the diagonal calculated from the work size c) Twist (formerly warpage), taken on the diagonal calculated from the work size c) Twist (formerly warpage), taken on the diagonal calculated from the work size c) Twist (formerly warpage), taken on the diagonal calculated from the work size c) Twist (formerly warpage), taken on the suppage of the su	4	Limiting deviation (%) from rectangularity,	±	1,0	10040 2			
Five from defects SO 10545-2	5	The limiting deviation (%) from planarity a) Central curvature, taken on the diagonal calculated from the work size b) Edge curvature (camber), taken on the corresponding work size c) Twist (formerly warpage), taken on the	± 0,5	± 1,5				
Water absorption (%) Be < 6	Surf	ace quality ²⁾				the appearance of a r	elatively large tile	
Bending-tensile strength N/mm² (modulus of bending) B≥20 ISO 10545-4 25 - 30 Scratch hardness of surface (Mohs) a) Glazed tiles b) Unglazed tiles color mind. 6 Fin 15771 Besistance to abrasion a) Resistance to abrasion of ungiazed tiles, volume loss in mm3 b) Resistance to burse abrasion of ungiazed tiles, volume loss in mm3 b) Resistance to surface abrasion of glazed dry pressed and extruded tiles in Abrasion Groups I - V Coefficient of linear thermal expansion at room temperature up to 100° C in K¹ Thermal shock resistance required Fin 104 ISO 10545-8 Fin 103 ISO 10545-8 The 3D 10545-8 The 3D 10545-9 fulfilled Crazing resistance³ glazed dry pressed and extruded tiles required Frost resistance required, if agreed glazed min. class 3, unglazed norm existing glazed min. class 3, unglazed norm existing glazed min. class 3, unglazed norm existing glazed and extruded tiles, Classes 1-5 Resistance to household chemicals and pool water additives (swimming pools) (apart from cleaning agents containing hydrofluoric acid and its compounds) Glazed and unglazed tiles, Classes A to C Resistance to acids and alkalis (apart from hydrofluoric acid and its compounds) Glazed and unglazed tiles, Classes A to C Fin 102 ISO 10545-13 ISO 10545-1				_		fulfille	ed	
a) Glazed tiles b) Unglazed tiles c) Unglazed ti	Bend	ding-tensile strength N/mm² (modulus of bending)				25 – 3	30	
a) Resistance to deep abrasion of unglazed tiles, volume loss in mm3 b) Resistance to surface abrasion of glazed dry pressed and extruded tiles in Abrasion Groups I – V Coefficient of linear thermal expansion at room temperature up to 100° C in K¹ Thermal shock resistance Th	a) Glazed tiles							
temperature up to 100° C in K¹ 10 x 10® 12 x 10® 12 x 10® 18 0 10545-8 7-8 x 10® Thermal shock resistance required required required Frost resistance required Frost resistance required required required required Frost resistance required required required Frost resistance required, if agreed glazed min. class 3, unglazed norm existing required is 0.0545-12 Resistance to spotting or staining agents, dry pressed and extruded tiles, Classes 1-5 Resistance to household chemicals and pool water additives (swimming pools) (apart from cleaning agents containing hydrofluoric acid and its compounds) Glazed and unglazed tiles, Classes A to C Resistance to acids and alkalis (apart from hydrofluoric acid and its compounds) Glazed and unglazed tiles, Classes A to C min. Class B required Resistance to acids and alkalis (apart from hydrofluoric acid and its compounds) Glazed and unglazed tiles, Classes A to C min. Class B required Resistance to acids and alkalis (apart from hydrofluoric acid and its compounds) Glazed and unglazed tiles, Classes A to C min. Class B required DIN 51097 see table in	Resistance to deep abrasion of unglazed tiles, volume loss in mm3 Besistance to surface abrasion of glazed dry		The abrasion group to be		ISO 10545-6 EN 154ISO			
Thermal shock resistance required ISO 10545-9 fulfilled Crazing resistance ³⁾ glazed dry pressed and extruded tiles required Frost resistance required Frost resistance required ISO 10545-11 fulfilled EN 105 ISO 10545-11 fulfilled Frost resistance required, if agreed ISO 10545-12 fulfilled Chemical properties Resistance to spotting or staining agents, dry pressed and extruded tiles, Classes 1-5 glazed min. class 3, unglazed norm existing ISO 10545-14 Resistance to household chemicals and pool water additives (swimming pools) (apart from cleaning agents containing hydrofluoric acid and its compounds) Glazed and unglazed tiles, Classes A to C min. Class B required ISO 10545-13 EN 122 EN 106 fulfilled Resistance to acids and alkalis (apart from hydrofluoric acid and its compounds) Glazed and unglazed tiles, Classes A to C min. Class B required Frost resistance Frequired ISO 10545-13 EN 122 EN 106 Fulfilled Antislin properties DIN 51097 See table in						7-8 x 1	10-6	
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(apart from hydrofluoric acid and its compounds) Glazed and unglazed tiles, Classes A to C min. Class B required EN 122 EN 106 DIN 51097 see table in	(swimming pools) (apart from cleaning agents containing hydrofluoric acid and its compounds)				EN 122	fulfille	ed	
	(apart from hydrofluoric acid and its compounds)				EN 122	fulfille	ed	
	Antis	slip properties						

	nominal dimension requirement N		Test	Test
Field of application	7 cm ≤ N < 15 cm	N ≥ 15 cm	acc. to	acc. to
Dimensions and surface quality Length and width Deviation of the average side length of eac dry pressed and extruded tile (2 or 4 sides) from the work size (W))	± 0,9 mm	± 0,6 % max. ± 2,0 mm		
Thickness Deviation of the average thickness of each dry pressed or extruded tile from the work size	± 0,5 mm	± 5 % max. ± 0,5 mm		
Straightness of sides [®] (facial surface) Maximum deviation taken on the corresponding work size	± 0,75 mm	± 0,5 % max. ± 1,5 mm		fulfilled
Rectangularity ¹⁾ Maximum deviation, taken on the corresponding work size	± 0,75 mm	± 0,5 % max. % ± 2,0 mm	EN 98 ISO 10545-2	rumieu
Flatness Maximum unit variance, a) Central curvature, taken on the diagonal calculated from the work size b) Edge curvature (camber), taken on the corresponding work size c) Twist (formerly warpage), taken on the diagonal calculated from the work size	± 0,75 mm	± 0,5 % max. ± 2,0 mm		
Surface quality ²⁾	einer größeren Flies	Frei von sichtbaren Fehlern, die das Aussehen einer größeren Fliesenfläche beeinträchtigen: min. 95%		95% frei vor Fehlern
$E_{b} \leq 0,5 \% \text{ max. single value } 0,6$ $(Gr. Bla, appendix G)$ Water absorption (%) $0,5 \% < E_{b} \leq 3,0 \% \text{ max. single value}$ $(Gr. Blb, appendix H)$, appendix G) % max. single value 3,3	EN 99 ISO 10545-3	fulfilled
Flexural strength (modulus of bending) N/mm ²	mind. 35 (Gr. BI_{a} , appendix G) mind. 30 (Gr. BI_{b} , appendix H)		EN 100 ISO 10545-4	im Mittel 35
Scratch hardness of surface (Mohs) Glazed dry pressed and extruded tiles	mind. 5		EN 15771	6-7
Resistance to abrasion Resistance to surface abrasion of dry pressed and extruded tiles in Abrasion, Group 1–5	The abrasion groups to be given by the manufacturer		EN 102 ISO 10545-6	siehe Tabelle im Liefer- programm
Coefficient of linear thermal expansion at room temperature up to 100° C in $\ensuremath{\mathrm{K}}^1$	max. 9 x 10 ⁶		EN 103 ISO 10545-8	7- × 10 ⁻⁶
Thermal shock resistance	required		EN 104 ISO 10545-9	fulfilled
Crazing resistance ³⁾ glazed dry pressed and extruded tiles	required		EN 105 ISO 10545-11	fulfilled
Frost resistance	required		EN 202 ISO 10545-12	fulfilled
Chemical properties Resistance to spotting or staining agents, glazed dry pressed and extruded tiles, Classes 1-3	min. Class 3		EN 122 ISO 10545-14	fulfilled
Resistance to household chemicals and pool water additives (swimming pools) (apart from cleaners containing hydrofluoric acid and its compounds) Glazed dry pressed and extruded tiles, Classes A to C	min. Class B		ISO 10545-13 EN 122	fulfilled
Resistance to acids and alkalis (apart from hydrofluoric acids and their compounds) Glazed dry pressed and extruded tiles, Classes A to C	min. Class B		ISO 10545-13 EN 122	fulfilled
Antislip properties			DIN 51097 DIN 51130	see table in Delivery Programme

Porcelain stoneware tiles, dry-pressed, Ströher Living ceramic tiles, garden slab Gravel Blend

DIN EN 14411, Gr. $\mathrm{BI_{a}}$, appendix G,

Footnotes to table Porcelain stoneware tiles, dry-pressed, Ströher Living Ceramic tiles, Garden slab Gravel Blend

¹⁾ Only applicable to dry pressed and extruded tiles with straight edges.

²⁾ Due to the firing process slight deviations from the respective standard colours are unavoidable. This does not affect deliberate irregularities of the colour nuances in the facial surface of dry pressed and extruded tiles (which may be unglazed, partly or fully glazed) and to the play of colours within a floor cladding, which is required and characteristic of the material concerned. Spots coloured specks, which have been intentionally applied for decorative reasons, should not be regarded as defects.

³⁾ Certain types of glaze may have a tendency to crazing. If the manufacturer draws attention to this, the test for crazing resistance according to Standard DIN EN ISO 10545-11 will not be applied.

⁴⁾ Slight colour changes should not be taken to indicate chemical attack

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Our general terms and conditions apply. These can be accessed under www.stroeher.de

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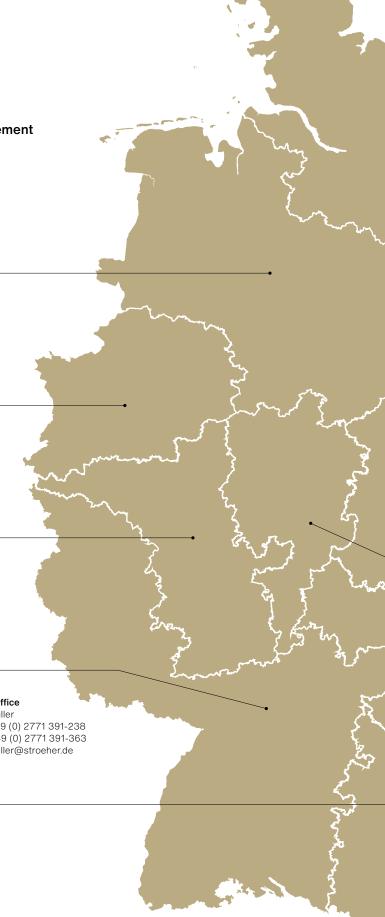
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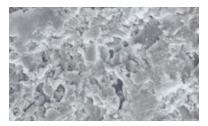
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Shard back: Tile
Smooth pore structure of the stoneware
plate bonding surface with adverse adhesive
properties, SEM image with 500x
magnification - direct top view.



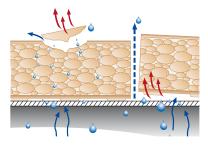
Shard back: Ströher Keraplatte®
Pore structure Keraplatte® with very good adhesive properties, SEM image with 500x magnification - direct top view.

Outdoor approved frost resistance: Functional ceramics with membrane effect.

Ströher ceramics have a "weatherproof" pore structure with breathable capillary channels and a draining homogeneous particle structure as a result of the extrusion process used in their manufacture. Even the smallest amount of condensation water can escape naturally and does not have to blast its way through the tile.

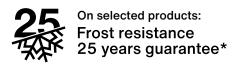
It is what we call the membrane effect. During the transition seasons, outdoor ceramics must withstand temperature fluctuations of up to 70 °C caused by rapid freeze-thaw cycles, depending on the regional location. Our ceramics withstand - and thus meet the DIN EN ISO 10545-12 test standard, even beyond the required laboratory conditions.

Extruded from moist clay, the strongly structured back surface of the coarse ceramic enables optimum interlocking properties with the substrate and thus optimum adhesive pull strength. In contrast to the "glazed" surface of dry-pressed shards, coarse ceramics do not loosen when properly installed, even under thermally induced stresses.

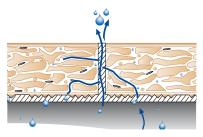


Schematic tile

Even the smallest amount of condensation that has formed due to the installation conditions cannot escape by any natural means.



* Ströher grants a 25-year guarantee on frost resistance for the following selected coarse ceramic products and series when laid professionally by a qualified specialist company: Selected, Zoé, Gravel Blend (except 20 mm porcelain stoneware garden tiles), Epos, Aera, Roccia, Asar, Terra, Stalotec, Brickwerk, Wasserbrand, Kontur, Riegel 50, Handstrich, Steinlinge, Glanzstücke, Zeitlos and Keravette®.



Schematic Ströher Keraplatte®

The water that has permeated can escape via the capillary channels in the fastest possible way, thus preventing frost damage.



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