RIEGEL 50

ANNOUNCED.
LONG FORMAT FOR PARTICULARLY STRAIGHT-EDGED DESIGN.

ströher®
Clinker. Ceramics. Competence.

RIEGEL 50

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

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

ANNOUNCED.
LONG FORMAT FOR PARTICULARLY STRAIGHT-EDGED DESIGN.

RIEGEL 50

ANNOUNCED.
EMPHASIZING LINE.
EXTRA LONG.

FIRINGS AND FORMAT

453 silver-black
< 6 % · DIN EN 14411, Gr. $AII_{a\text{ - Part 1}}$

bar shape 490 x 40 x 14 mm

456 black-blue
< 6 % · DIN EN 14411, Gr. $AII_{a\text{ - Part 1}}$

bar shape 490 x 40 x 14 mm

451 golden-brown
< 3 % · DIN EN 14411, Gr. AI_b

bar shape 490 x 40 x 14 mm

455 brown-blue
< 6 % · DIN EN 14411, Gr. AI_b

bar shape 490 x 40 x 14 mm

450 golden-white
< 6 % · DIN EN 14411, Gr. $AII_{a\text{-Part1}}$

bar shape 490 x 40 x 14 mm

RIEGEL 50

ANNOUNCED. EMPHASIZING LINE. EXTRA LONG.

PRODUCT DETAILS

RIEGEL 50

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

★ = Discount on pallets. ● = Normally available ex stock. PG = Price group (see price list 2017). ❖ = Minimum quantity: each open box will incur a surcharge.
[1] = The Ströher standard for angular accuracy in angled brick slips is based on the DIN 105 standard for exposed clinker brickwork, but with only 50% of the permissible tolerance values. The Ströher specification is thus +/- 1°. This equates to a maximum deviation of +/- 4 mm on the stretcher side and +/- 2 mm on the header side for a corner with the 240 x 115 mm format.

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

* Ströher is the only German manufacturer offering a 25-year frost resistance guarantee on the following extruded products that have been correctly installed by a qualified professional tiler: Zoé, Gravel Blend, Epos, Aera T, Aera, Roccia X, Roccia, Asar, Terra, Duro, TerioTec® X Profile, TerioTec® X, TerioTec®, Secuton®, Stalotec®, Kontur, Stiltreu, Riegel 50, Handstrich, Steinlinge, Glanzstücke, Zeitlos, Keraprotect® and Keravette®. Please find further explanations in our general terms and conditions.

Completely frost-resistant *25 year guarantee | Tunnel kiln fired | Suitable for insulation systems | Wheaterproof | Economic | In compliance with DIN EN | Fade-free and colourfast | Easy maintenance and hygienic | Ecofriendly | Resistant to chemicals | Glow and fireproof | Anti-static

HOW TO APPLY CLINKER BRICK SLIPS CORRECTLY TO A FACADE

Institut Bauen und Umwelt e.V.

DEUTSCHE FLIESE
Für alle, die mehr erwarten.

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

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

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

Window lintel perfectly replicated with angles.

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

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

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

Grouting using pointing trowel and metal float along the horizontal.

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

Jointing with a trowel allows you to create different looks.

Sweeping out the joint gives it a corresponding structure.

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

ströher®
Clinker. Ceramics. Competence.

KLINKERGOF