

Natural Red



Red Engobed



Copper Brown Engobed



Anthracite Engobed



Ergoldsbacher GROSSFALZZIEGEL XXI®



Natural Red



LARGE AREAS



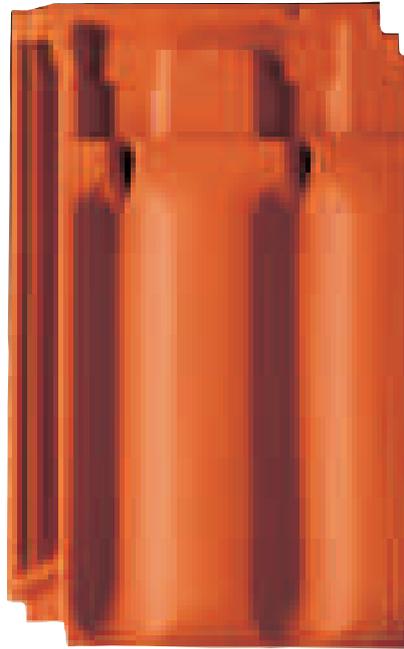
Technical Details

ERLUS^e

Ergoldsbacher GROSSFALZZIEGEL XXL®

Technical data

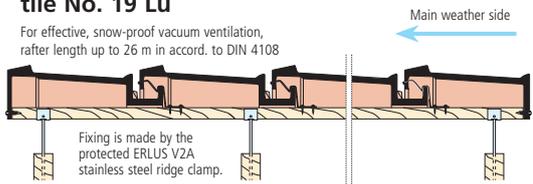
Size:	approx. 29.5 x 46.5 cm
Cover length:	approx. 37.7 – 39.7 cm
Average cover width:	approx. 25.7 cm
Quantity required per m ² :	9.8–10.25 tiles Ø 10 tiles
Weight per tile:	approx. 4.0 kg
Weight per m ² in accordance with DIN 1055 incl. battens:	approx. 0.55 kN/m ²
Real weight without battens:	approx. 40 kg/m ²
Pallet capacity:	200 tiles
Pallet weight:	approx. 870 kg
Bundle capacity:	5 tiles



Technical drawings

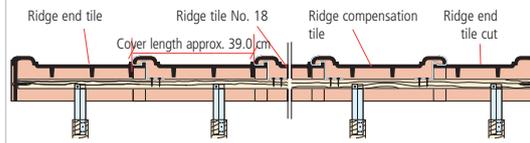
Dry-laid ridge with ridge ventilation tile No. 19 Lü

For effective, snow-proof vacuum ventilation, rafter length up to 26 m in accord. to DIN 4108



Dry-laid ridge with ridge tile No. 18

For effective, snow-proof vacuum ventilation, rafter length up to 16 m in accord. to DIN 4108



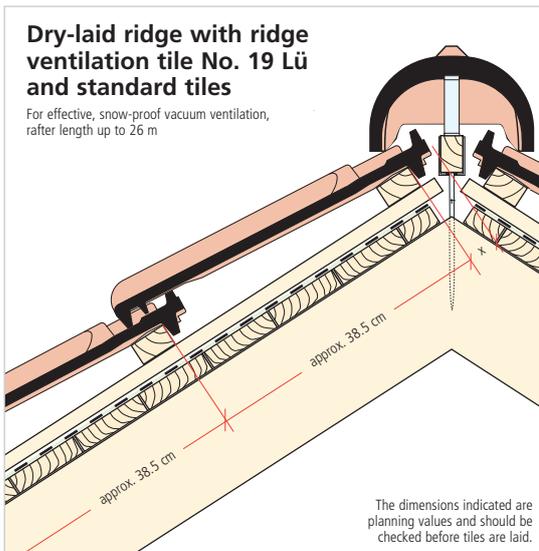
ERLUS roof walkway system
made of rustproof steel/aluminium
tested in accordance with DIN EN 516
– no support laths required –

Laying in accordance with DIN 18160-5

Article	≤ 45°	> 45°
Step areas (grates 46 cm)	every tile row	every tile row
Individ. Step (step)	every tile row	every tile row

Dry-laid ridge with ridge ventilation tile No. 19 Lü and standard tiles

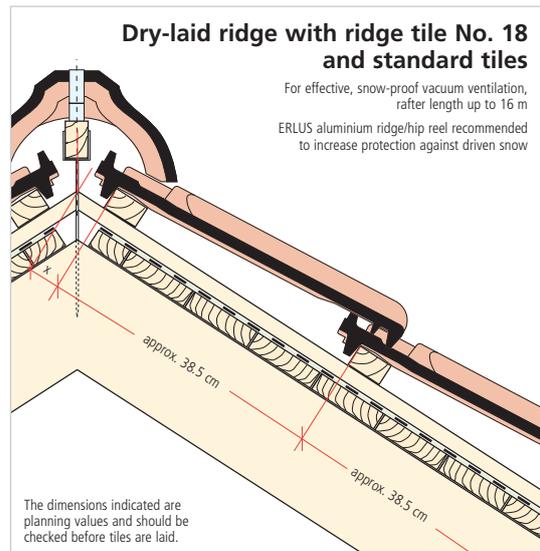
For effective, snow-proof vacuum ventilation, rafter length up to 26 m



Dry-laid ridge with ridge tile No. 18 and standard tiles

For effective, snow-proof vacuum ventilation, rafter length up to 16 m

ERLUS aluminium ridge/hip reel recommended to increase protection against driven snow



Dimensions for execution with ridge connection tiles and without ridge/hip reel. Data in mm. (x = distance of the 1st lath to the angular point of the ridge)

GROSSFALZZIEGEL XXL®	Roof pitch 10°	Roof pitch 15°	Roof pitch 20°	Roof pitch 25°	Roof pitch 30°	Roof pitch 35°	Roof pitch 40°	Roof pitch 45°	Roof pitch 50°	Roof pitch 55°	Roof pitch 60°
	X-dimension										
Ridge tile No.: 15	65	60	50	50	50	45	45	45	40	–	–
Ridge tile No.: 15 Lü	70	65	60	60	60	60	60	–	–	–	–
Ridge tile No.: 17	65	60	55	50	50	45	45	45	40	–	–
Ridge tile No.: 18	50	45	35	30	35	35	35	30	30	30	–
Ridge tile No.: 19 Lü	45	40	35	35	35	35	30	25	–	–	–
Ridge tile No.: 21	45	40	35	35	35	35	30	25	25	25	25

Ergoldsbacher GROSSFALZZIEGEL XXL®

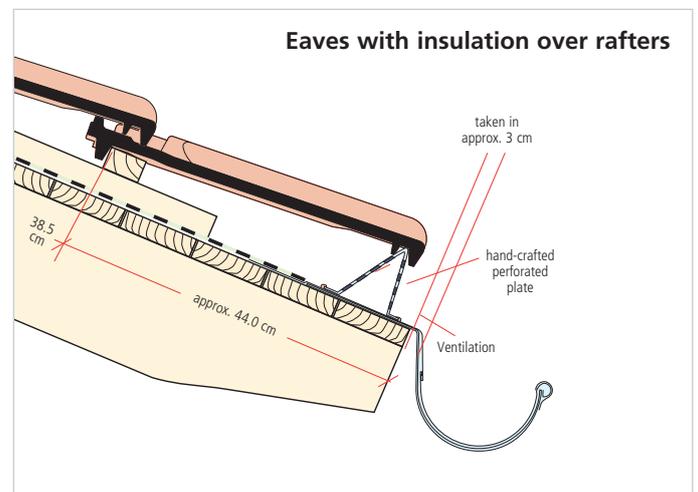
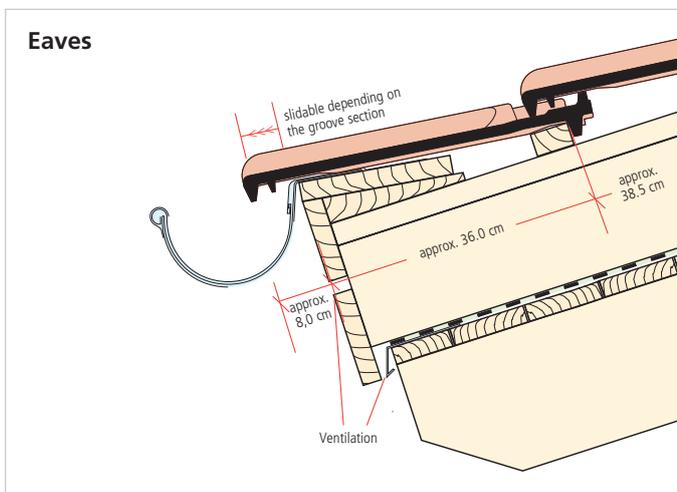
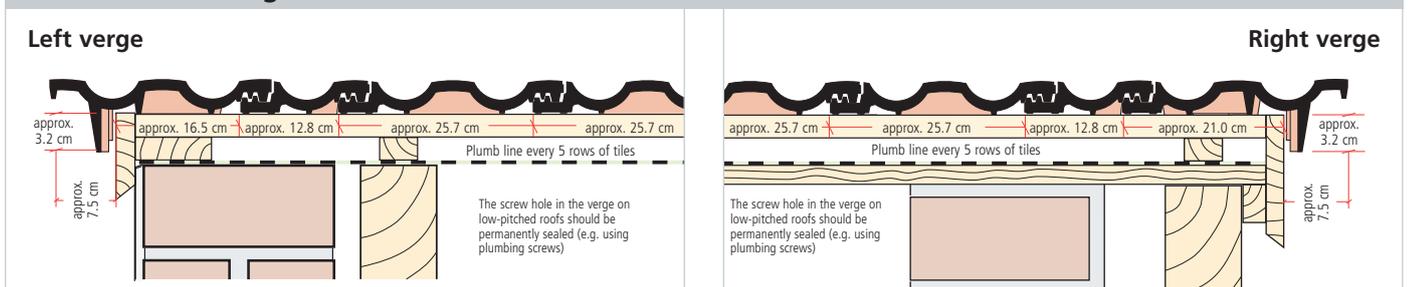
Assignment of additional measures for the Ergoldsbacher Großfalzziegel XXL®¹⁾

According to the Central Association of German Roofers' pamphlet on sub-roofs, sub-coverings and under-bracings, and the basic regulations of the Roofers' Guild, regular roof pitch 22°, minimum roof pitch 10°, according to the state of technology.

Increased demands due to				
Use	Construction		Climate situation	
<ul style="list-style-type: none"> of the attic level, especially for residential purposes (residential use equals two increased demands) 	<ul style="list-style-type: none"> Special roof shapes (e.g. butterfly roof) Long spar lengths (longer than for normal single-family dwellings) Heavily structured roof shapes (e.g. due to valleys, gables, etc.) 		<ul style="list-style-type: none"> Exposed locations Extreme locations Areas with a lot of snow Special weather situations Areas with a lot of wind 	
Roof pitch	No further increased demands ²⁾	One further increased demand ²⁾	Two further increased demands ²⁾	Three further increased demands ²⁾
≥ 22°	class 6 3.3. under-bracing (USB-A)	class 6 3.3. under-bracing (USB-A)	class 5 2.4. overlapped / tongue in groove sub-covering (UDB-A, USB-A)	class 4 2.2. welded or glued sub-covering 2.3. coated under-bracing made of strips of bitumen 3.2. seam-secured sub-covering (UDB-A, USB-A)
From < 22° to ≥ 18°	class 4 2.2. welded or glued sub-covering 2.3. coated under-bracing made of strips of bitumen 3.2. seam-secured sub-covering (UDB-A, USB-A)	class 4 2.2. welded or glued sub-covering 2.3. coated under-bracing made of strips of bitumen 3.2. seam-secured sub-covering (UDB-A, USB-A)	class 3 2.1. seam and perforation secured under-bracing 3.1. seam and perforation secured sub-covering (UDB-A, USB-A)	class 3 2.1. seam and perforation secured under-bracing 3.1. seam and perforation secured sub-covering (UDB-A, USB-A)
From < 18° to ≥ 14°	class 3 2.1. seam and perforation secured under-bracing 3.1. seam and perforation secured sub-covering (UDB-A, USB-A)	class 3 2.1. seam and perforation secured under-bracing 3.1. seam and perforation secured sub-covering (UDB-A, USB-A)	class 3 2.1. seam and perforation secured under-bracing 3.1. seam and perforation secured sub-covering (UDB-A, USB-A)	class 3 ³⁾ 2.1. seam and perforation secured under-bracing 3.1. seam and perforation secured sub-covering (UDB-A, USB-A)
From < 14° to ≥ 10°	class 2 1.2. Rainproof sub-roof	class 2 1.2. Rainproof sub-roof	class 1 1.1. Waterproof sub-roof	class 1 1.1. Waterproof sub-roof

- The additional measures listed in the table are minimum measures under consideration of Table 1 in the pamphlet on sub-roofs, sub-coverings and under-bracings. Sub-covering panels are to be assigned according to the classification in the pamphlet on sub-roofs, sub-coverings and under-bracings.
- Increased demands make up categories according to chapter 1.1.3. Further increased demands can arise out of the weighting within a category according to 1.1.3. For example, climate situations can result in several increased demands.
- Only permitted if proof is brought regarding functionality and safety of the products used, including accessories (sealing tapes, sticky tapes, sealing compounds, pre-assembled seam securing, etc.), as carried out in a severe rain test. Otherwise, the next class up is to be selected.

Technical drawings



Product range

 Standard tile	 Verge tile left	 Verge tile right	 Double roll tile (Cover width approx. 24 cm)	 Half tile
 Ventilation tile (Ventilation cross section 32 cm ²)	 Snow guard tile (piece/m ² ; quantity depends on roof pitch and snow load)	 Ridge tile No. 15	 Ridge tile No. 18	
 Ridge ventilation tile No. 19 Lü		 Aluminium sanitary ventilator (Ø 125 mm, ventilation cross section = 122 cm ²)	 Aluminium antenna cap	 Aluminium solar outlet tile

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Only ten **Ergoldsbacher Großfalzziegel XXL®** (Large Interlocking Tile XXL) cover one whole square metre of roof. The Großfalzziegel, due to its dimensions and notch play, can quickly and easily be laid as a "one-hander" of approximately 4 kg – both when assembled and when laid in series.

The Ergoldsbacher Großfalzziegel XXL® outclasses, like all Ergoldsbacher clay roof tiles, the required quality properties demanded in the roof tile norm DIN EN 1304. Two swirling chambers in the top sections, a special construction in the notch sliding area and laying compatibility when assembled make the Ergoldsbacher Großfalzziegel XXL® extraordinarily rainproof. A safe, full-ceramic fan ridge formation without ridge connection tile or other system parts contributes to save construction costs.

Ergoldsbacher roof tiles are a thoroughly natural material. Their naturalness can be also seen by the fact that the individual tiles differ from each other in their colour shades. Made from material that is known to be frost-proof, the Ergoldsbacher roof tiles have passed their practical tests millionfold and with distinction for decades – even in climatically adverse areas. There is no better guarantee.

Additional measures to protect against wind suction need to be carried out according to the respectively valid regulations. The dimensions and weights mentioned are normal values. Due to changes in the raw material and different fading behaviour, deviations in dimensions are not always avoidable. This is why it is advisable, before you use the tiles, to check the overlaps on the construction site. Punctual pressure marks and occasional blemishes are contingent upon production and transport and do not impair the quality of the roof tiles.

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The following non-ceramic accessories are also available:

Storm clips · ERLUS aluminium roof walkway system (powder-coated) · ERLUS aluminium snow-guard system (powder-coated) · ERLUS aluminium antenna outlet tile etc.
Please ask for our special folder for accessories!

Only the colour of the original roof tiles is guaranteed. True reproduction of colours cannot be guaranteed in print!

This brochure was last updated in december 2011.

The following brochure is a translation from the German language. Since differences may occur due to language-based interpretation, we explicitly indicate that only the original German content is binding. When in doubt, the DIN EN 1304 regulation shall always apply.

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