

Ergoldsbacher **Reformpfanne XXL®**

Technical Details

PRODUCT SHEET



ERLUS 

Quality made in Germany

Ergoldsbacher Reformpfanne XXL® – The stylish Reform design in a time-saving large format

The Ergoldsbacher Reformpfanne XXL® is a classic tile with clear edges and balanced proportions. This means that it is just as suitable for traditional styles as for modern architecture. The flat shape of the Ergoldsbacher Reformpfanne XXL® also goes perfectly with tented and hip roofs. Furthermore, this roof tile – with a common format of 10 pcs/qm – from our Ergoldsbacher XXL family is a fine alternative to a flat tile.



Gauge class
38,5 cm
models from
the XXL family

Easy handling
can be laid quickly
and easily

Complete accessories
including aluminium
accessories from one
source

Low profile
ideal for tented and
hip roofs

22° standard roof pitch
according to roofing
regulations

**Cost-saving alternative to
flat tiles**

Profitable
in the substructure
10 pcs./m²

Perfect for renovation
Sliding range 2 cm



Technical data

Size:

Gauge:

Average cover width:

Quantity required per m²:

Weight per m² in accordance with DIN 1055 incl. battens:

Real weight without battens:

Pallet capacity:

Pallet weight:

Bundle capacity:

Hail resistance class:

Gauge class:

approx. 29,5 x 46,5 cm

approx. 37,7 - 39,7 cm

approx. 25,7 cm

approx. 9,8 tiles

approx. 0,55 kN/m²

approx. 40 kg/m²

240 tiles

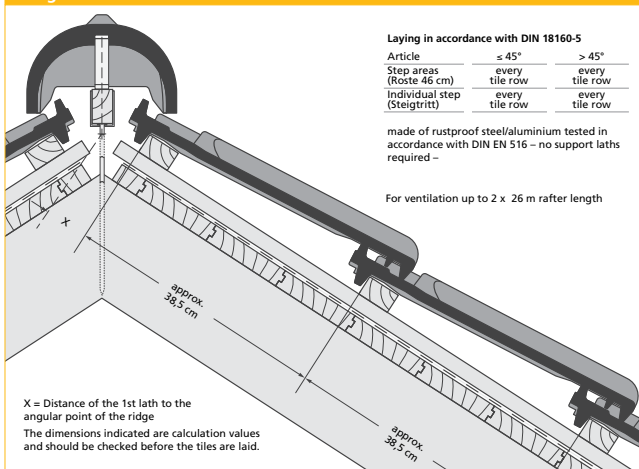
approx. 1.080 kg

5 tiles

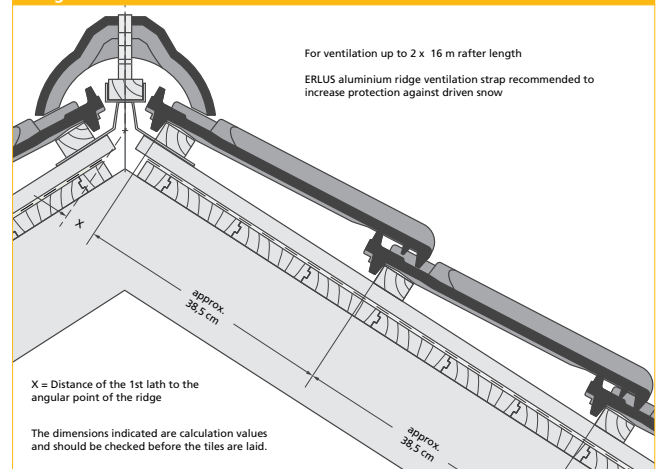
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38,5 cm

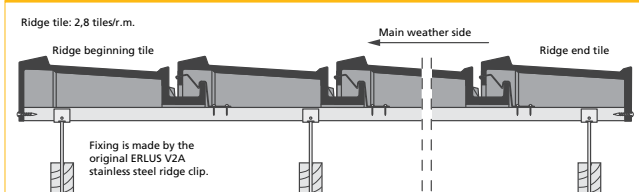
Ridge ventilation tile No. 19 in combination with standard tiles



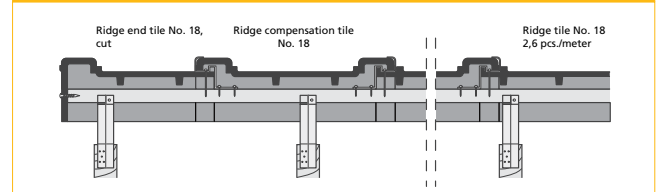
Ridge tile No. 18 in combination with standard tiles



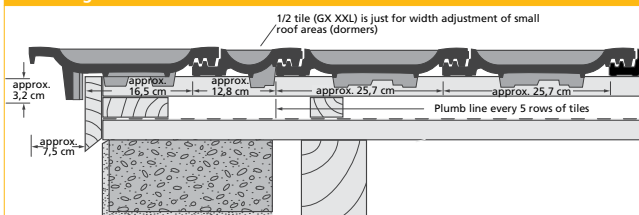
Ridge ventilation tile No. 19



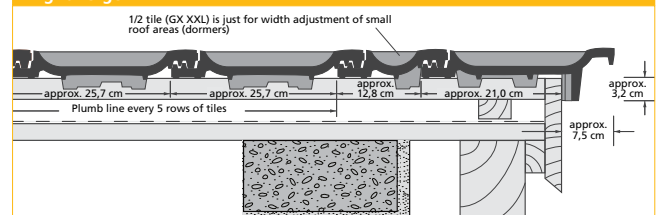
Ridge tile No. 18



Left verge*



Right verge*



* The screw hole in the verge on low-pitched roofs should be permanently sealed (e.g. using plumbing screws)

X (distance) in mm

Distance between the 1st lath and the angular point of the ridge ¹⁾

Roof pitch in °	10	15	20	25	30	35	40	45	50	55	60
Ridge tile No. 15	65	60	50	50	50	45	45	45	40	–	–
Ridge ventilation tile No. 15	70	65	60	60	60	60	60	–	–	–	–
Ridge tile No. 17	65	60	55	50	50	45	45	45	40	–	–
Ridge ventilation tile No. 17	65	60	55	55	50	–	–	–	–	–	–
Ridge tile No. 18	50	45	35	30	35	35	35	30	30	30	–
Ridge ventilation tile No. 19	45	40	35	35	35	35	30	25	–	–	–
Ridge tile No. 21	45	40	35	35	35	35	30	25	25	25	25

1) with aluminium ridge ventilation strap

Assignment of additional measures for the Ergoldsbacher Reformpfanne XXL®

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 generally accepted rules of technology.

Increased demands due to

Use: of the attic level, especially for residential purposes (residential use equals two increased demands)

Construction: special roof shapes (e.g. butterfly roof), long spar lengths (longer than 10 meters), heavily structured roof shapes (e.g. due to valleys, gables, etc.)

Climate situation: exposed locations, extreme locations, areas with a lot of snow, special weather situations, areas with a lot of wind

Technical installations: On-roof or in-roof systems, air-conditioning systems, antenna systems, roof access systems, rooflight/skylight systems, snow guard systems, etc.

Classification

Class 1: Waterproof sub-roof (1.1.)

Class 2: Rainproof sub-roof (1.2.)

Class 3: Seam and perforation secured under-bracing (2.1.)

Seam and perforation secured sub-covering (3.1.)

Class 4: Welded or glued sub-covering (2.2.)

Coated under-bracing made of strips of bitumen (2.3.)

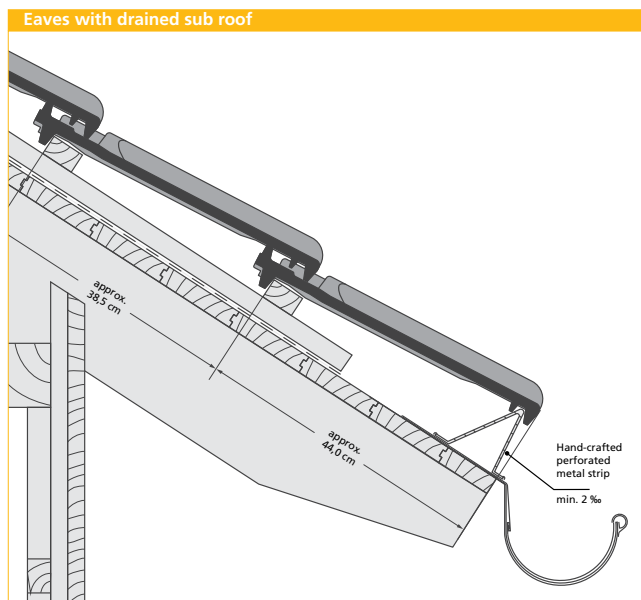
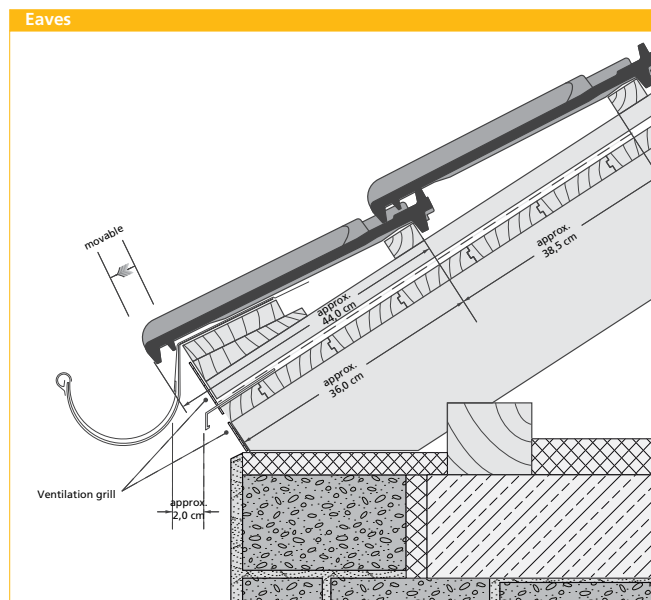
Seam-secured sub-covering (3.2.)

Class 5: Overlapped / tongue in groove sub-covering (2.4.)

Class 6: Under-bracing (3.3.)

Definition of sub-roof's type to use				
Roof pitch	No further increased demands*	One further increased demand*	Two further increased demands*	Three further increased demands*
≥ 22°	Class 6	Class 6	Class 5	Class 4
From < 22° to ≥ 18°	Class 4	Class 4	Class 3	Class 3
From < 18° to ≥ 14°	Class 3	Class 3	Class 3	Class 3*
From < 14° to ≥ 10°	Class 2	Class 2	Class 1	Class 1

* 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 the manufacturer provides proof of the functionality and safety of the products used, including accessories (sealing tapes, sticky tapes, sealing compounds, pre-assembled seam securing, etc.), as part of a deluge test and 24-hour rain test on a roof pitch of 15°. Otherwise, the next class up is to be selected. Any limitations noted by the manufacturer are to be taken into account. See the product data information sheet for instructions regarding protection against perforation. These can be used for classes 3 to 6.



Plans above are not drawings to scale. To help with planning, you can download all the drawings as CAD drawings from the Internet at www.erlus.com. We recommend using an eaves flashing.



Red



Anthracite



Diamond black

Like all Ergoldsbacher clay roof tiles, the **Ergoldsbacher Reformpfanne XXL®** exceeds the quality requirements set out in the DIN EN 1304 roof-tile norm. Ergoldsbacher roof tiles are natural building materials through and through. This is also evident from the fact that the individual tiles display slight variations in colour.

Given that the regulations and roofing traditions vary throughout Europe, our manufacturer's instructions should be given priority when you lay the tiles. Additional measures for wind protection should generally be carried out in accordance with current local regulations.

The sizes and weights given are nominal values. Owing to changes in the raw materials and varying shrinkage characteristics, it is not always possible to prevent deviations. It is therefore advisable to check the dimensions of the roof before laying the tiles.

Occasional imperfections are an inherent part of the production/transportation process and do not affect the quality of the roof tiles. The Ergoldsbacher Reformpfanne XXL® is laid in rows like pantiles. The 1/2 tile (GX XXL) is just for width adjustment of small roof areas (dormers).



Standard tile



Half tile
(Großfalz XXL)



Verge tile
left



Verge tile
right



Double roll tile ¹⁾



Ventilation tile ²⁾



Ridge tile No. 15



Ridge tile No. 18 ²⁾



Hip cap for ridge tile
No. 15



Hip cap for ridge tile
No. 18



Ridge ventilation tile No. 19 ³⁾



Ridge tile No. 21



Hip start for ridge tile
No. 15



Hip start for ridge tile
No. 21



Aluminium
sanitary ventilator ^{4) 5)}



Aluminium solar
outlet ^{5) 6)}



Aluminium solar
panel holder ⁵⁾



Aluminium aerial ⁵⁾

- 1) Cover width approx. 24 cm
2) Ventilation cross section 28 cm²
3) Recommended for a fully ceramic roof ventilation system
with rafters up to 10 m in length
4) ø 125 mm, Ventilation cross section = 122 cm²
5) With basic tile
6) ø 58 mm

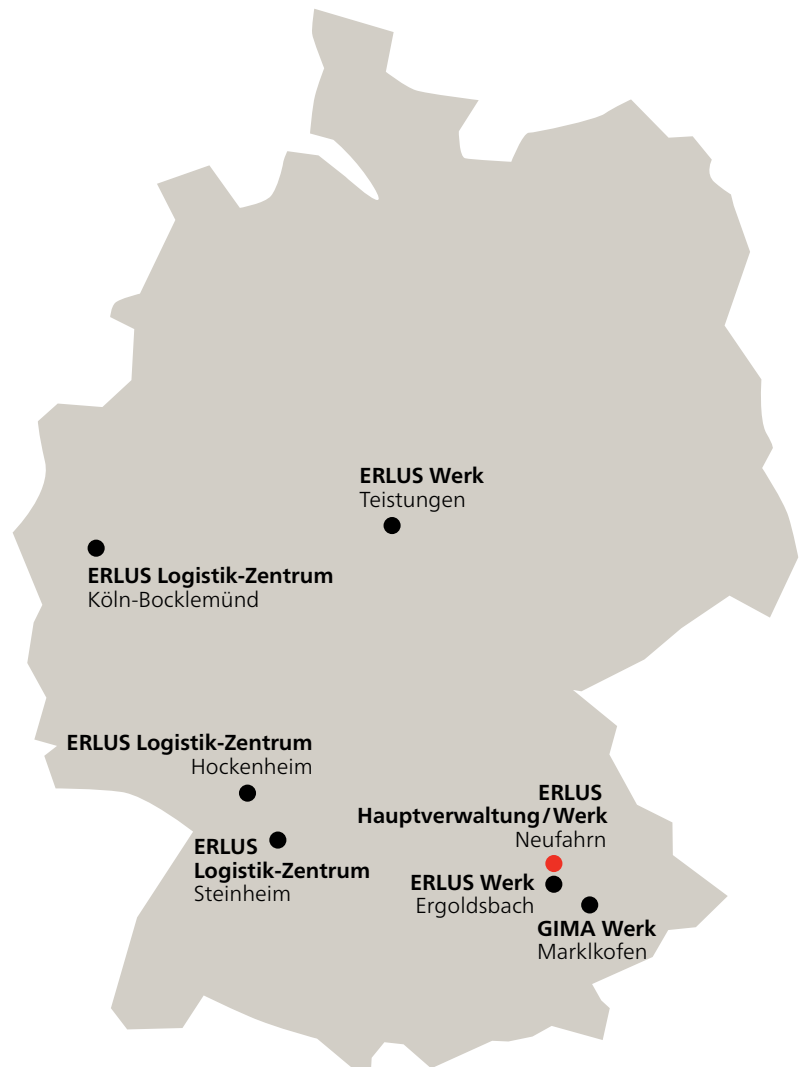
The following accessories are also available:

- ERLUS Aluminium roof walkway system (coated)
- ERLUS Aluminium snow-guard system (coated)
- PVC thermal exhaust gas through tile
- PVC sanitary ventilator, ø 125 mm
- ERLUS Universal storm clips in accordance with DIN EN 14437
- Ridge clips

**You can find the whole available accessories under
www.erlus.com/reformxxl/lieferprogramm**

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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 May 2019.**

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