

# Ergoldsbacher **E 58 S**

Technical Details

PRODUCT SHEET

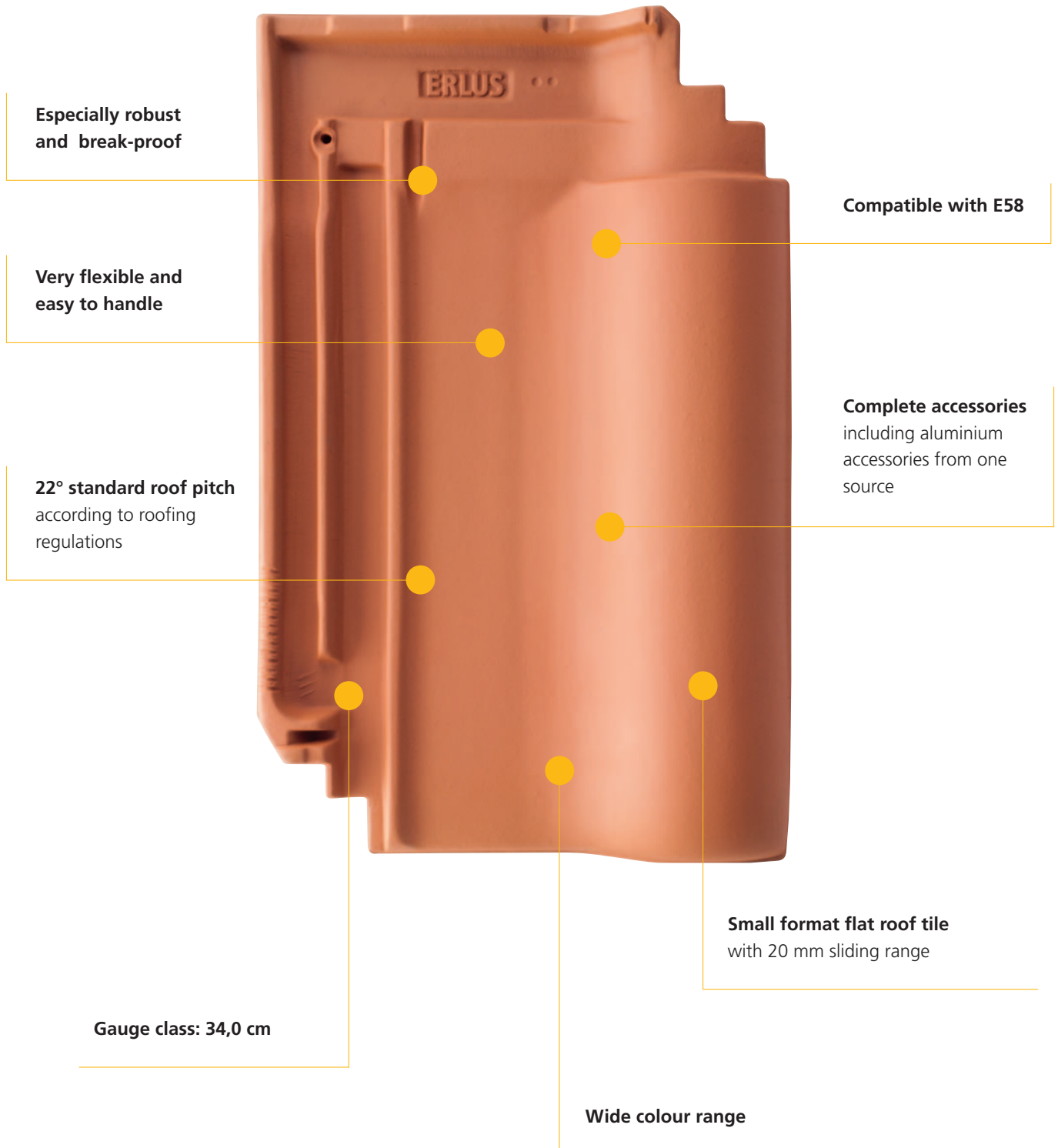


**ERLUS** 

Quality made in Germany

## Ergoldsbacher E58 S – A classic made perfect for renovations

The Ergoldsbacher E58 S – a member of the tried-and-tested Ergoldsbacher E 58 family – is impressive with its large sliding range. This makes it an ideal "covering pantile" for roof renovation that is easy to lay. This means that it is particularly simple to adapt it to the existing roof. So time-consuming and costly cutting is hardly necessary at all with this popular flat roof tile.









## Technical data

Size:

Gauge:

Average cover width:

Quantity required per m<sup>2</sup>:

Weight per m<sup>2</sup> in accordance with DIN 1055 incl. battens:

Real weight without battens:

Pallet capacity:

Pallet weight:

Bundle capacity:

Hail resistance class:

Gauge class:

approx. 26,0 x 42,0 cm

approx. 33,5 - 35,5 cm

approx. 20,2 cm

approx. 13,9 tiles

approx. 0,55 kN/m<sup>2</sup>

approx. 0,45 kN/m<sup>2</sup>

256 tiles

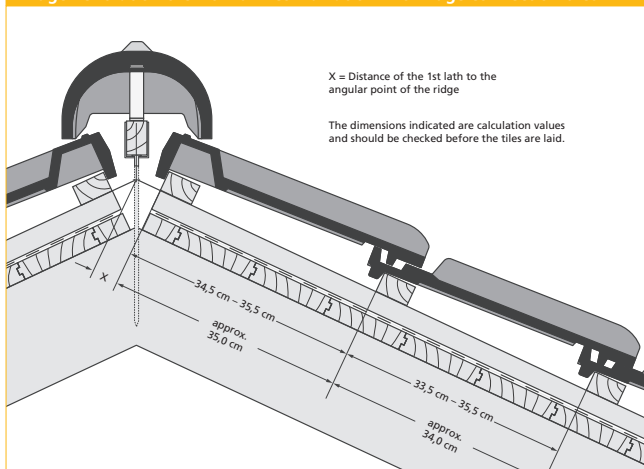
approx. 840 kg

4 tiles

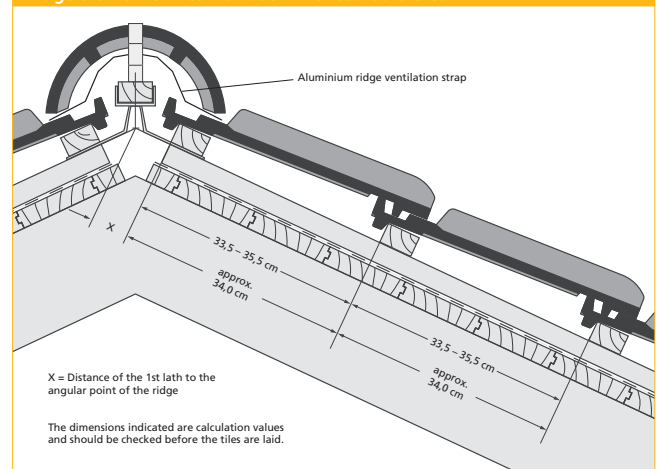
4

34,0 cm

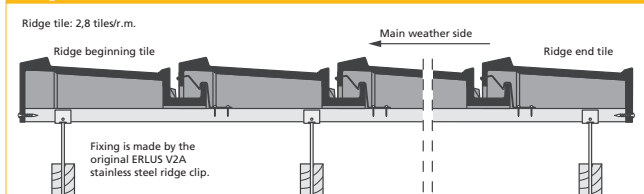
Ridge ventilation tile No. 19 in combination with ridge connection tiles



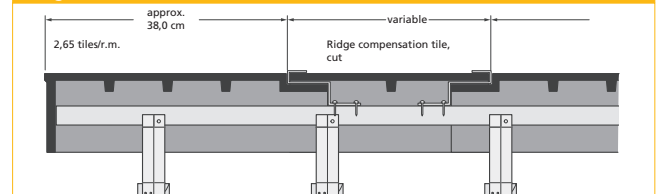
Ridge tile No. 15 in combination with standard tiles



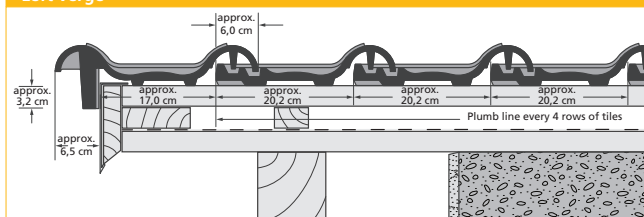
Ridge ventilation tile No. 19



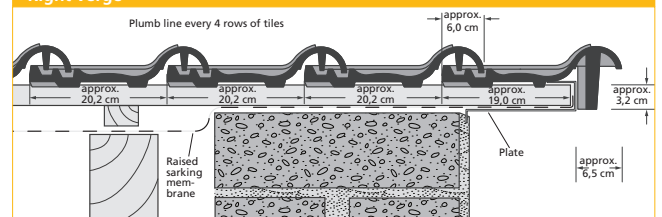
Ridge tile No. 15



Left verge\*



Right verge\*



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

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

X (distance) in mm

Ridge connection tiles <sup>1)</sup>

Standard tiles <sup>2)</sup>

Roof pitch in °	10	15	20	25	30	35	40	45	50	55	60	10	15	20	25	30	35	40	45	50	55	60
Ridge tile No. 15	65	55	50	50	45	45	55	50	40	—	—	75	70	65	60	60	60	60	55	60	—	—
Ridge ventilation tile No. 15	75	70	60	60	60	60	50	45	50	50 <sup>2)</sup>	50 <sup>2)</sup>	80	75	70	65	65	60	60	—	—	—	—
Ridge tile No. 18	50	45	40	40	30	30	30	35	35	25	25	60	50	45	40	45	40	40	40	35	30	25
Ridge ventilation tile No. 19	45	40	35	35	30	30	30	30	—	—	—	60	50	45	40	40	40	40	40	—	—	—
Ridge tile No. 21	45	35	35	35	30	30	30	30	30	—	25	60	50	45	40	40	35	35	35	35	25	15

1) without aluminium ridge ventilation strap 2) with aluminium ridge ventilation strap

## Assignment of additional measures for the Ergoldsbacher E58 S

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.)

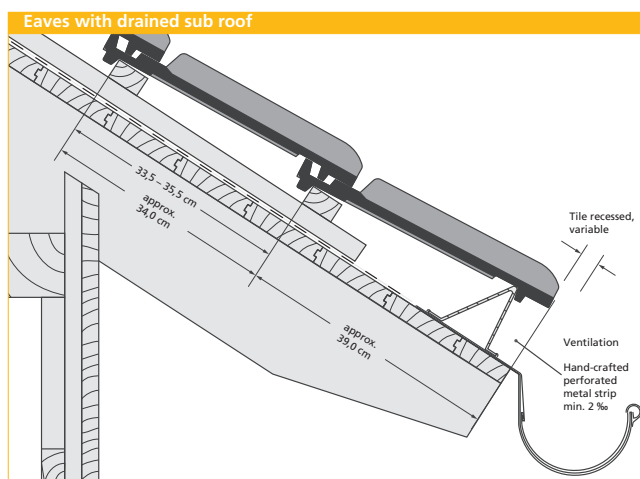
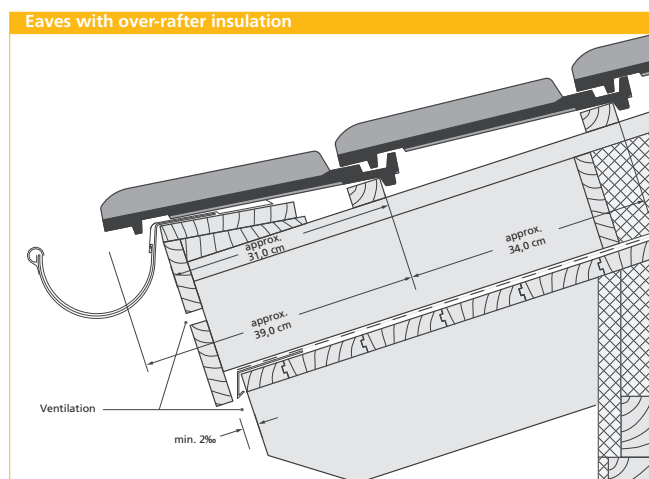
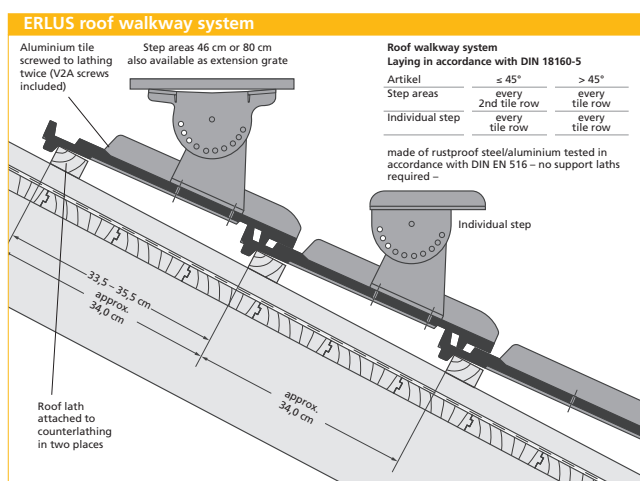
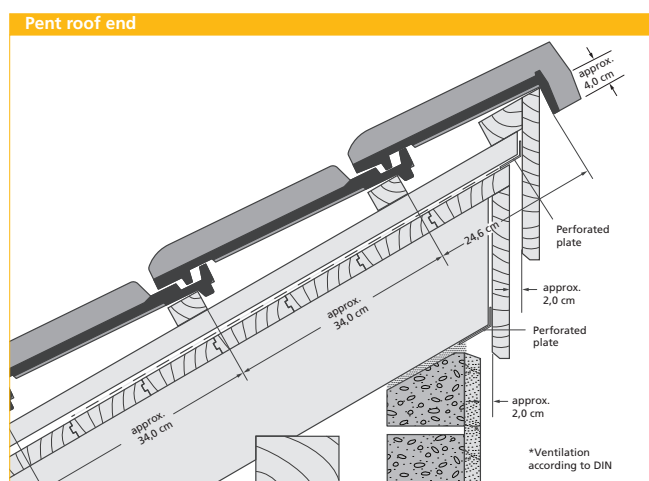
**Class 5:** Overlapped / tongue in groove sub-covering (2.4.)

**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](http://www.erlus.com). We recommend using an eaves flashing.

## Ergoldsbacher E58 S – Colour range



Natural red



Red



Copper Brown



Brazil brown



Anthracite



Antique grey



Autunno



Rustik



Maroon



Diamond black

Like all Ergoldsbacher clay roof tiles, the **Ergoldsbacher E58 S** 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.



Standard tile E58 S



Verge tile left



Verge tile right



Double roll tile <sup>1)</sup>



Ridge connection tile



Snow stop tile



Ridge connection  
verge tile left



Ridge connection  
verge tile right



Ridge connection  
double roll tile



Ridge connection  
sliding tile <sup>2)</sup>



Ridge connection  
sliding verge tile left



Ridge connection  
sliding verge tile right



Ridge connection  
ventilation sliding tile <sup>2) 3)</sup>



Pent roof tile



Pent roof verge tile  
left



Pent roof verge tile  
right



Pent roof  
double roll tile



Ventilation tile <sup>4)</sup>



Ridge tile No. 15



Ridge ventilation tile No. 15 <sup>5)</sup>



Ridge tile No. 18



Ridge ventilation tile No. 19 <sup>5)</sup>



Ridge tile No. 21



Hip cap  
for ridge tile No. 15



Hip cap  
for ridge tile No. 18



Hip start for ridge  
tile No. 15



Hip start for ridge  
tile No. 21



Aluminium  
sanitary ventilator <sup>6) 7)</sup>



Aluminium solar  
outlet <sup>7)</sup>



Aluminium solar  
panel holder <sup>7)</sup>



Aluminium aerial <sup>7)</sup>

**The following accessories are also available:**

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

1) Cover width approx. 23,5 cm

2) Gauge: 15 - 33 cm

3) Ventilation cross section 9 cm<sup>2</sup>

4) Ventilation cross section 15,5 cm<sup>2</sup>

5) Recommended for a fully ceramic roof ventilation system

with rafters up to 10 m in length

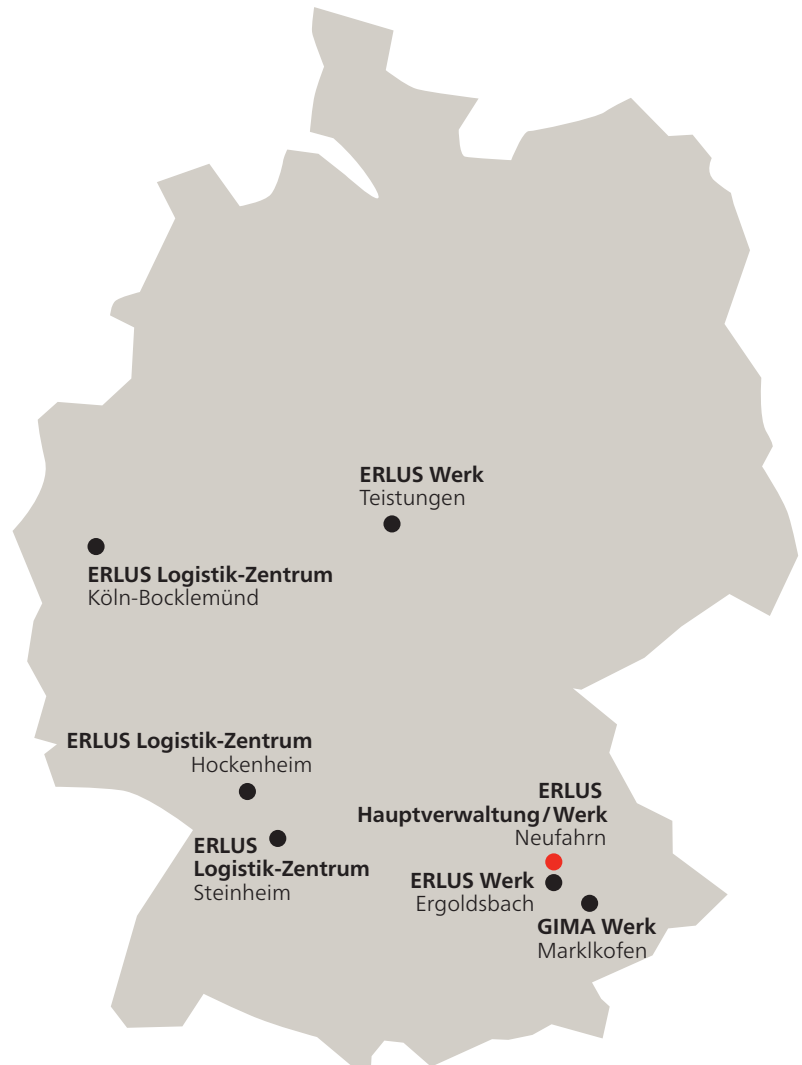
6) Ø 125 mm, Ventilation cross section = 122 cm<sup>2</sup>

7) With basic tile

**Please ask for our leaflet for special ERLUS-accessories !**

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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 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.

**This brochure was last updated in June 2022.**

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