

Ergoldsbacher **E 58 SL**

Technical Details

PRODUCT SHEET



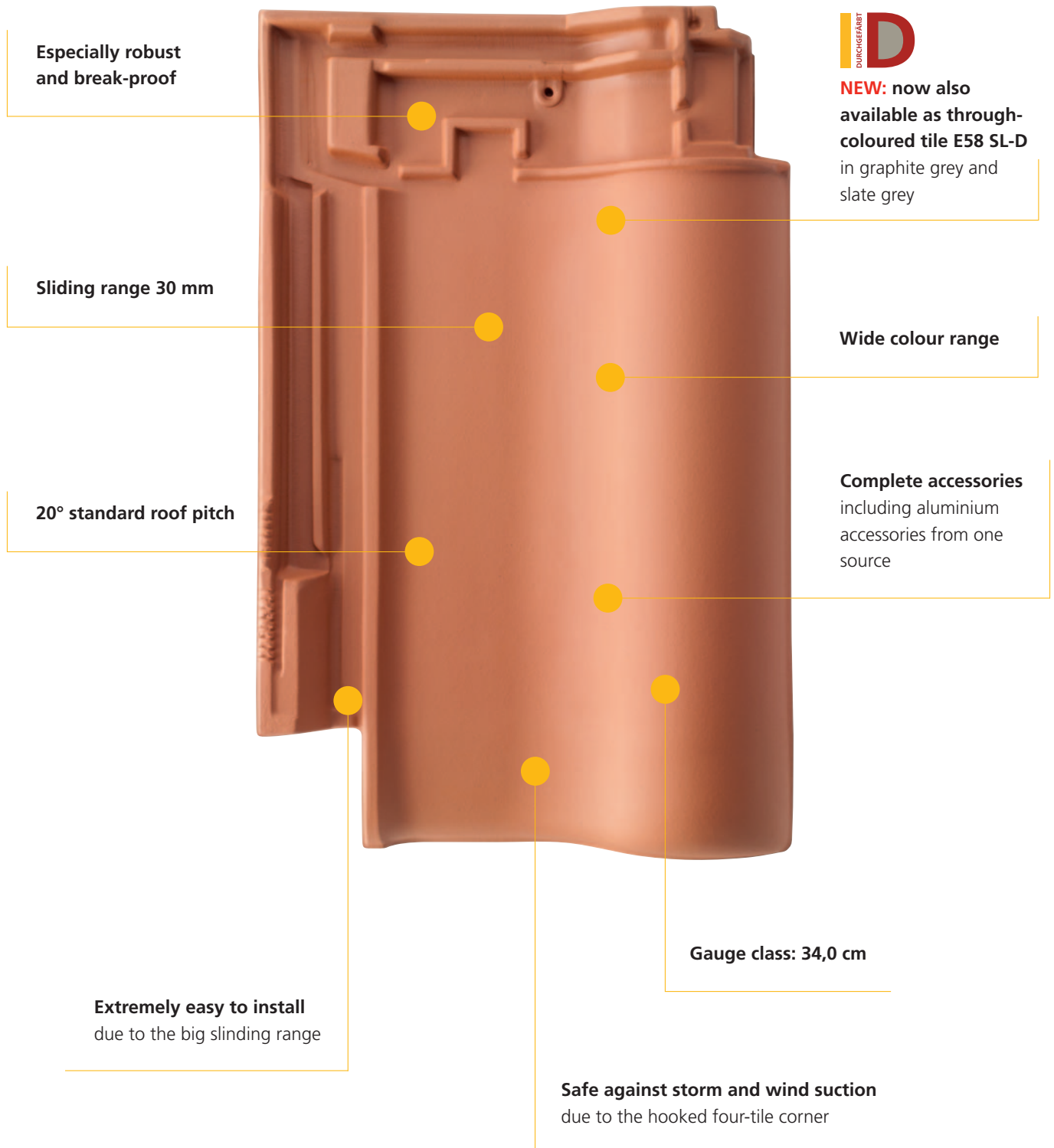
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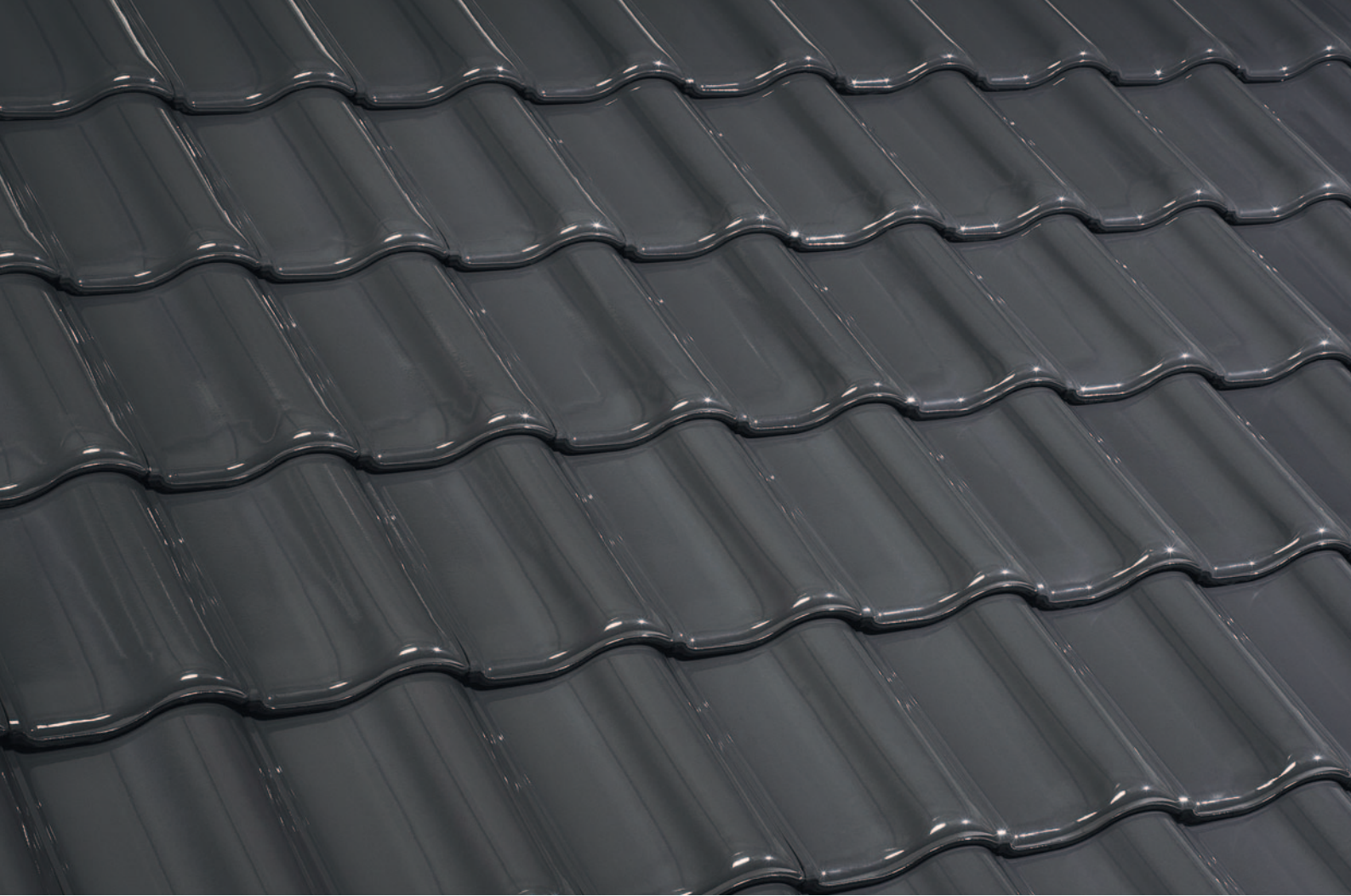
Quality made in Germany

Der Ergoldsbacher E 58 SL

The universal tile from the Ergoldsbacher E 58 family

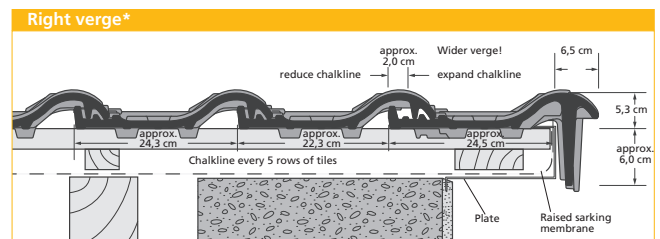
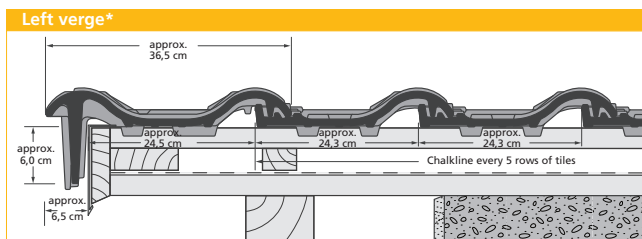
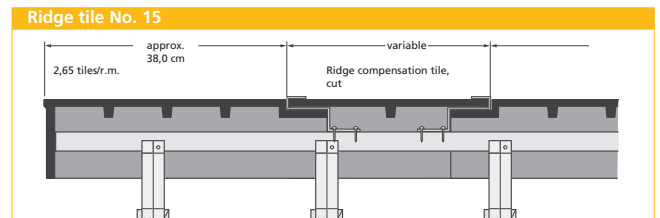
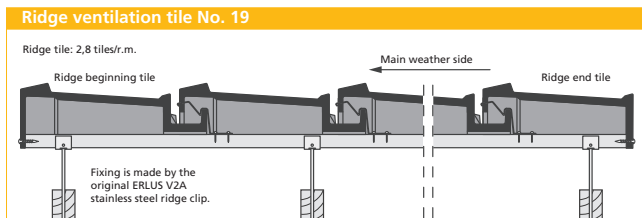
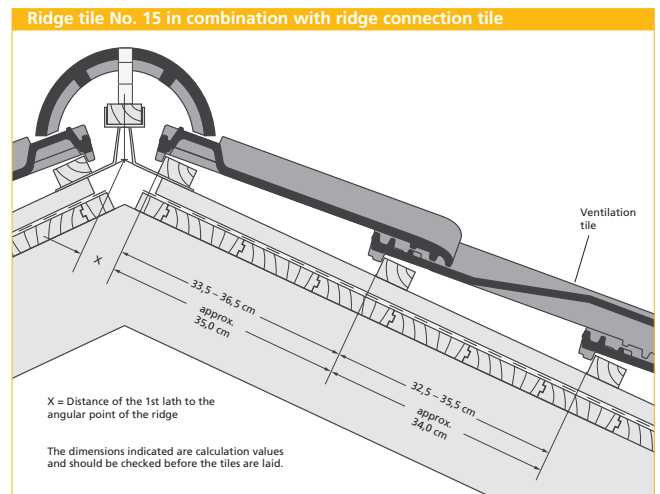
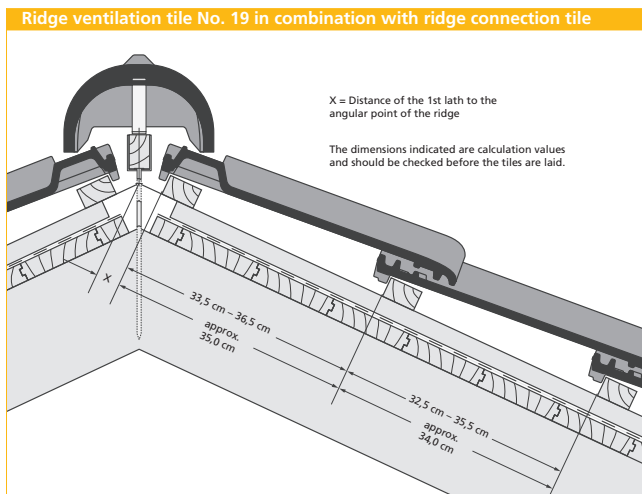
The Ergoldsbacher E 58 SL combines all the advantages of the Ergoldsbacher E 58 family in one economic clay roof tile. Its design is based on the classic Ergoldsbacher E 58; but lots of details reveal the difference. It is particularly suitable for renovations of roofs with roofing tiles due to its generous gauge range. The roof tile is easy to lay, and although it has a medium-sized format, the overall appearance is of a smaller tile.





Technical data

Size:	approx. 29,0 x 46,5 cm
Gauge:	approx. 32,5 - 35,5 cm
Average cover width:	approx. 24,3 cm
Quantity required per m ² :	from 11,5 tiles
Weight per m ² in accordance with DIN 1055 incl. battens:	approx. 0,55 kN/m ²
Real weight without battens:	approx. 43,0 - 48,0 kg/m ²
Pallet capacity:	240 tiles
Pallet weight:	approx. 935 kg
Bundle capacity:	5 tiles
Hail resistance class:	4
Gauge class:	34,0 cm



* 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 ¹⁾											Standard tiles ²⁾										
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	60	55	50	45	45	45	40	40	45	—	—	70	65	60	60	60	55	60	55	55	—	—
Ridge ventilation tile No. 15	70	65	60	60	55	50	50	45	45 ²⁾	45 ²⁾	40 ²⁾	75	70	65	60	55	50	—	—	—	—	—
Ridge tile No. 18	45	40	35	35	30	30	30	30	30	25	20	50	45	45	45	30	30	30	30	30	25	20
Ridge ventilation tile No. 19	40	35	30	30	30	30	25	30	35	—	—	50	40	35	35	30	30	25	30	—	—	—
Ridge tile No. 21	40	35	30	30	25	25	25	25	25	25	—	50	40	35	35	30	30	30	25	25	—	—

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

Assignment of additional measures for the Ergoldsbacher E58 SL

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 20°, 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.)

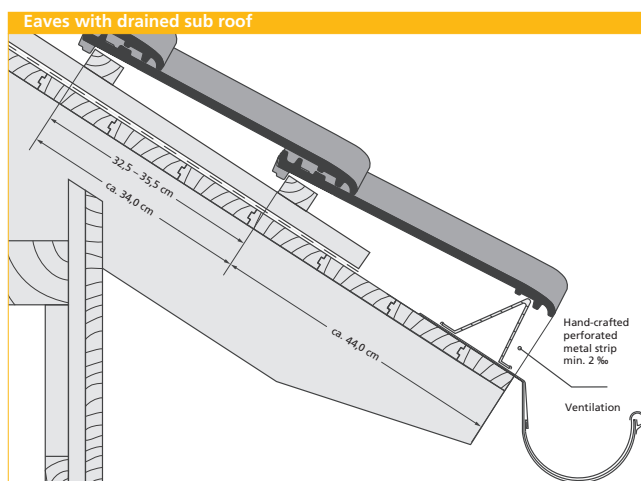
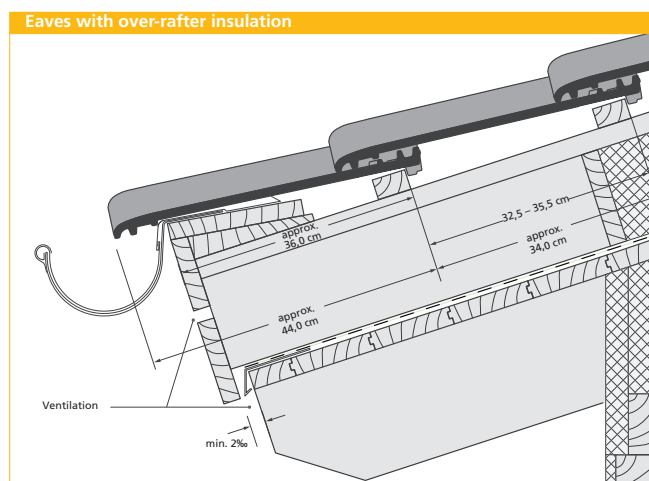
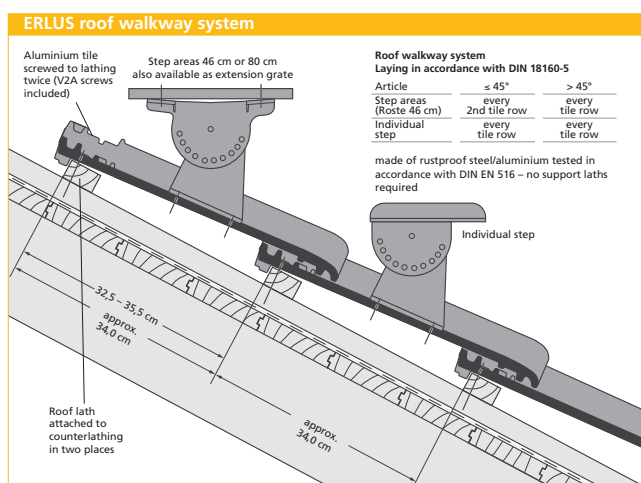
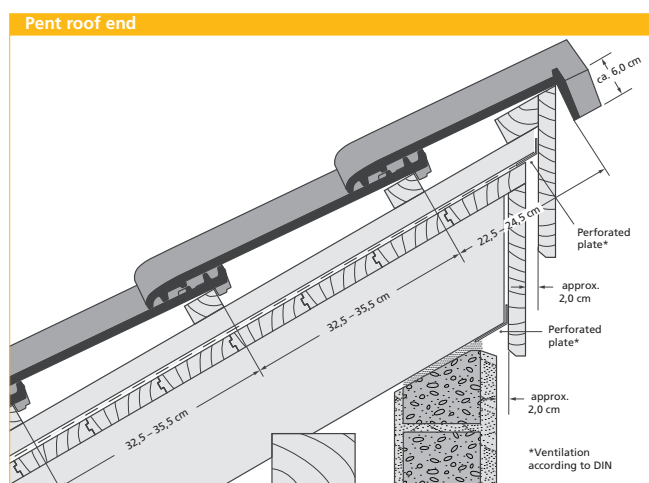
Class 5: Overlapped / tongue in groove sub-covering (2.4.)

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*
≥ 20°	Class 6	Class 6	Class 5	Class 4
From < 20° to ≥ 16°	Class 4	Class 4	Class 3	Class 3
From < 16° to ≥ 12°	Class 3	Class 3	Class 3	Class 3*
From < 12° 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.



Natural red



Red



Copper brown



Anthracite



Black matt



Basalt grey



Maroon



Titan silver



Diamond black



Burgundy



NEW: E58 SL-D, Graphite grey



NEW: E58 SL-D, Slate grey

Like all Ergoldsbacher clay roof tiles, the **Ergoldsbacher E58 SL** 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*



Verge tile left*



Verge tile right*



Ridge connection tile*



Ridge connection
verge tile left*



Ridge connection
verge tile right*



Rent roof tile*



Pent roof verge tile
left*



Pent roof verge tile
right*



Ventilation tile* 1)



Hip start for
ridge tile No. 15



Hip start for
ridge tile No. 21



Hip cap for ridge tile
No. 15



Hip cap for ridge tile
No. 18



Ridge tile No. 15*



Ridge ventilation tile No. 15 2)



Ridge tile No. 18



Ridge ventilation tile No. 19 2)



Ridge tile No. 21



Aluminium
sanitary ventilator* 3) 4)



Aluminium solar
outlet* 4)



Aluminium solar
panel holder* 4)



Aluminium aerial* 4)

1) Ventilation cross section 15,0 cm²
2) Recommended for a fully ceramic roof ventilation system
with rafters up to 10 m in length
3) ø 125 mm, Ventilation cross section = 122 cm²
4) With basic tile



* Product range for E58 SL-D

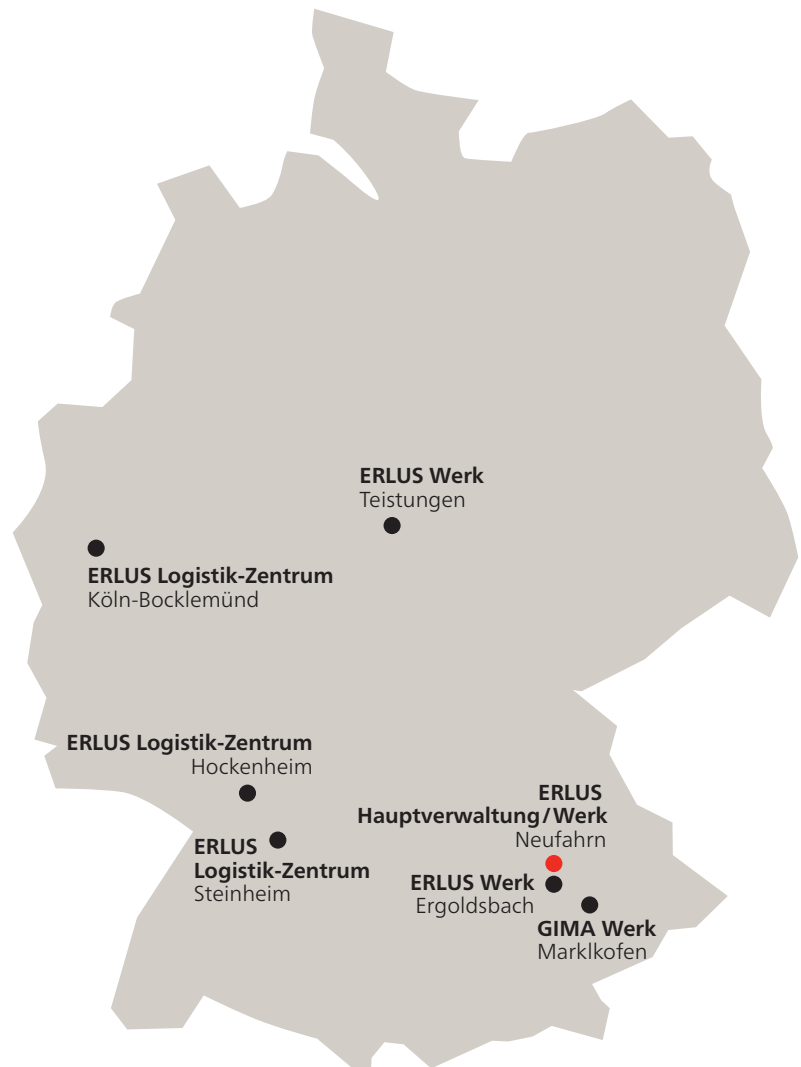
The following ERLUS special accessories are also available:

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

You can find the whole available accessories under
www.erlus.com/e58sl/productrange
www.erlus.com/e58slid/productrange

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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 March 2021.**

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