



**RANDERS** **tegl** + **LAUMANS**

THE FLEXIBLE FLAT ROOF TILE

**LAUMANS**  
**TIEFA XL TOP<sup>®</sup>**



**ABDENNASER TOLLIH**

Special roof tile production

„The decision to buy a roof is usually only made once in a lifetime by our customers. They rely on quality and longevity of our roof tiles. That’s why I’m proud to work for a company that has been producing roof tiles for more than 120 years. Our experience gives me and my colleagues the certainty of doing the right thing for our customers.“

# THE FLEXIBLE FLAT ROOF TILE FOR ECONOMICAL ROOFS – TIEFA XLTOP®



The gentle curve of the LAUMANS TIEFA XLTOP® and the harmoniously calm surface effect are characteristic of this timeless modern flat roof tile. The flexible medium format of the popular LAUMANS TIEFA XLTOP® is also particularly economical and universally applicable - not just for the low-pitched roof.



#### **NATURAL & SUSTAINABLE**

With roof tiles from Randers Tegl Laumans, you are choosing the natural building material clay, which we shape, fire and refine into roof tiles in an ecologically optimised manufacturing process. The environmentally friendly premium-quality tiles are also a sustainable choice of material due to their long service life and natural ageing process, they are also a sustainable choice of material. Find out more about our climate protection activities.



# LAUMANS TIEFA XL TOP®

THE ECONOMICAL, FLEXIBLE FLAT ROOF TILE

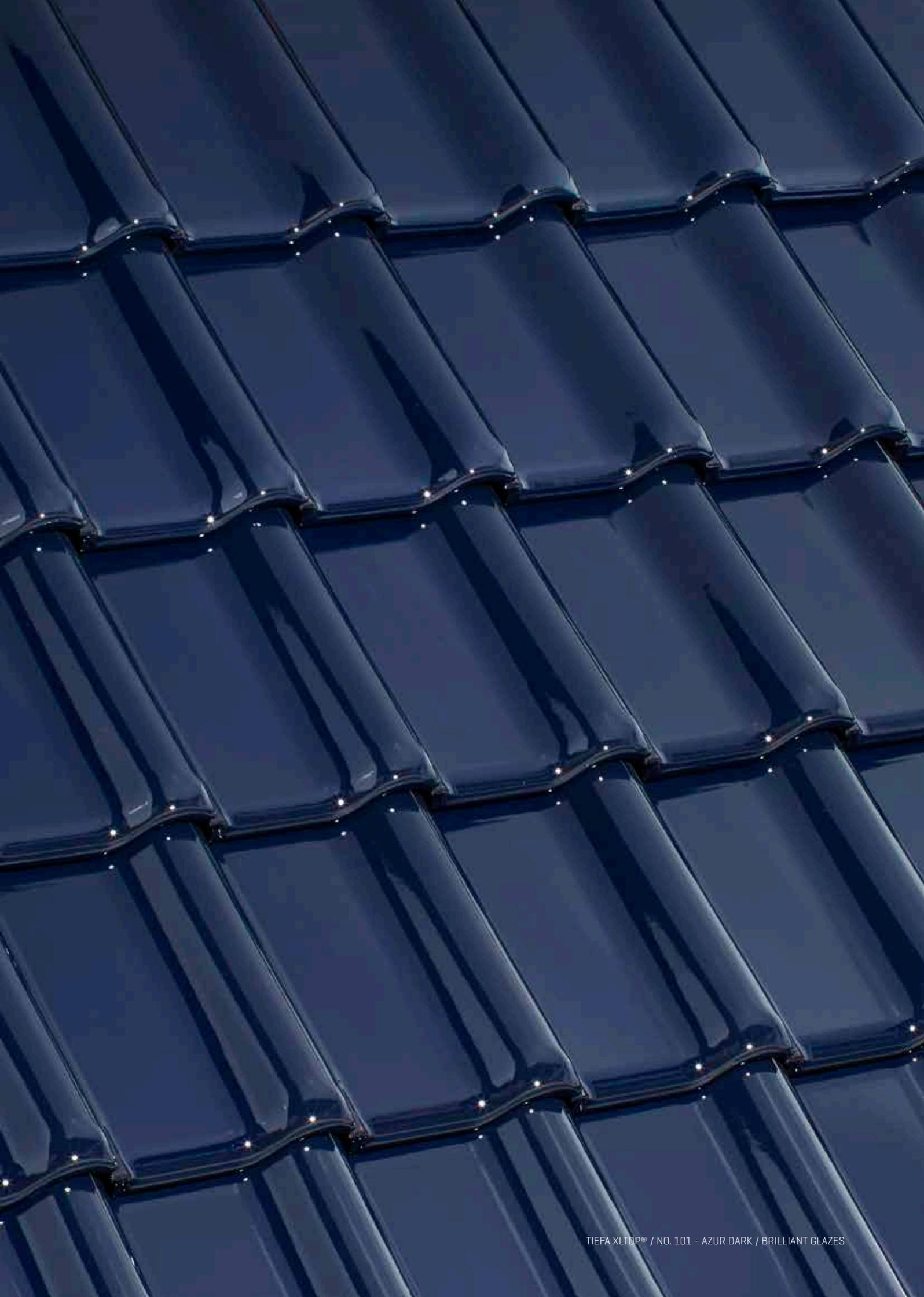
**Design:** straightforward, functional look with a flat, wide hollow

**Surface effect:** evenly calm and clearly structured

**Technology:** optimal rainfall safety in flat pitched roofs, variable covering length for quick and easy mounting

**Application:** suitable for roof renovation, modernization and new construction. Harmonizes particularly well with modern architecture

ORDER ROOF TILE SAMPLES:  
[LAUMANS.DE/EN/ORDER-SAMPLES/](https://laumans.de/en/order-samples/)



# UNIQUE SURFACES AND EXCLUSIVE COLOURS FROM MATT TO HIGH GLOSS

## FOR INDIVIDUAL AND CREATIVE ROOF DESIGN.

### **NATURAL ENGOBE** – Matt surface

Clay suspension of natural minerals which is poured over the roof tile before firing.

### **SINTER-ENGOBE** – Silky matt surface

Engobe refined by the addition of glass bodies.

### **BRILLIANT GLAZE** – Glossy surface

Ceramic coating that fuse with the roof tile during firing.

### **TREND GLAZE** – Extra matt-satined surface

Premium glaze with significantly reduced gloss.

### **30 YEARS WARRANTY ON ALL ROOF TILE PRODUCTS**

First-class natural raw materials, groundbreaking production processes and comprehensive external and internal quality control ensure the consistently high quality of our roof tiles.



## 40% MORE COLOUR – 100% MORE ENTHUSIASM

**UNRIVALED LAUMANS COLOUR APPLICATION TECHNOLOGY.**

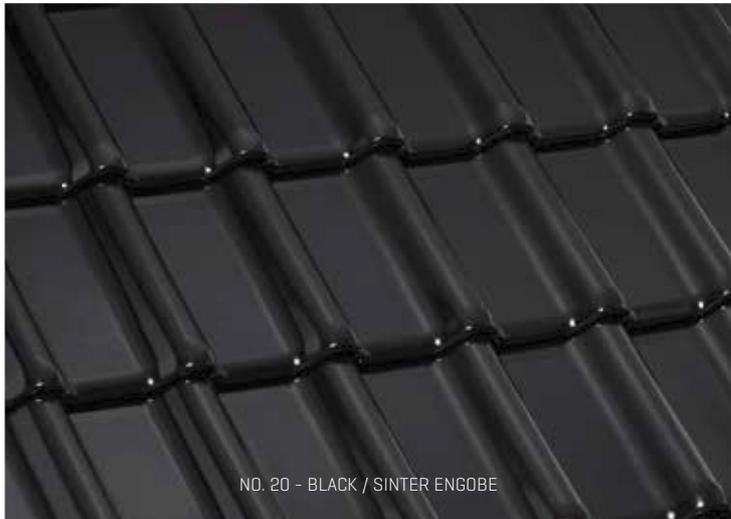
**Overpour instead of spraying or spinning**

Up to 40 % higher thicknesses of coloured clay sludges for intense and consistent colours

Uniquely defined, lively colours for an exclusive and inimitable naturalness

Noticeably smoother roof tile surfaces for a perfect look and dirt-repellent effect

Extremely hard surfaces for protection against mechanical and environmental influences









## A SIGN OF QUALITY



Our innovative production method, which fires the tiles upside down to save space, increases energy efficiency and ensures that colour only reaches where it is needed. Uncoloured fold areas disappear after covering by overlapping of the surrounding tiles. This way you can save resources and make roofs sustainable.

# PRECISION IN PERFECTION. FOR SAFE PROTECTION FROM THE EAVES TO THE RIDGE.

The proverbial "roof over their heads" is a symbol of security, a source of safety for the family, a reflection of success and a basis for the future. It is at the same time an integral part of harmonious architecture, conveys natural beauty and protects you and your values.

## EXPERIENCE MAKES SAFE

For more than 120 years, Laumans has been manufacturing high quality roof tiles. Innovative production processes and constant quality management have made our roof tiles genuine high-tech products from the beginning. In addition to extensive service, Laumans provides a 30-year warranty on all ceramic parts. Laumans – definitely the right decision.

## WHAT YOU CAN RELY ON

First-class clay masses, care in clay preparation, pressing and drying, the "overpouring" colour application technique perfected by Laumans and the firing process at over 1,000 ° C result in a technically sophisticated product. To ensure the quality of our roof tiles, we have developed a multi-level quality management system. At various points in the manufacturing process, modern photo-optical and laser-based testingsystems are used, which are extended by a manual quality acceptance of the product range. Independent, and recognized testing institutes in external test laboratories additionally guarantee the high quality of the roof tiles. The conformity of the products with the requirements of the EN 1304 standard is regularly confirmed by test certificates and the award of the quality mark.

## SAFE WITH THE RIGHT TECHNOLOGY

The sophisticated tile design with the intensive four-way covering of the roof tiles in the four-tile corner provides additional stability and makes them extremely safe in wind and storm. Partially prescribed clamping further increases the wind suction safety of Laumans products. The double interlocking joint also keeps out driving rain and blowing snow at low roof pitches. By the way, the company consistently follows the regulations of the "Central Association of the German Roofing Trade [ZVDH]" in the technical design of all roof tile models. As a result, our products score particularly in terms of rainfall and storm safety.

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## ADVANTAGE: SAFETY

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- Premium roof tiles since 1896 - more than 125 years know-how in roof tile production
- Innovative production processes and 30-year warranty on all tile products
- Continuous quality control by means of state-of-the-art photo-optical and laser-based inspection systems as well as manual sorting
- Voluntary external control by independent and accredited testing institutes
- Intensive coverage of roof tiles in the four-tile corner for the best rain protection
- Extremely safe in driving rain and driving snow thanks to double ring folding
- Extensive accessory program with accurately fitting, ceramic functional roof tiles

# ACCESSORIES MADE OF CLAY. FOR PERFECT ROOFS.

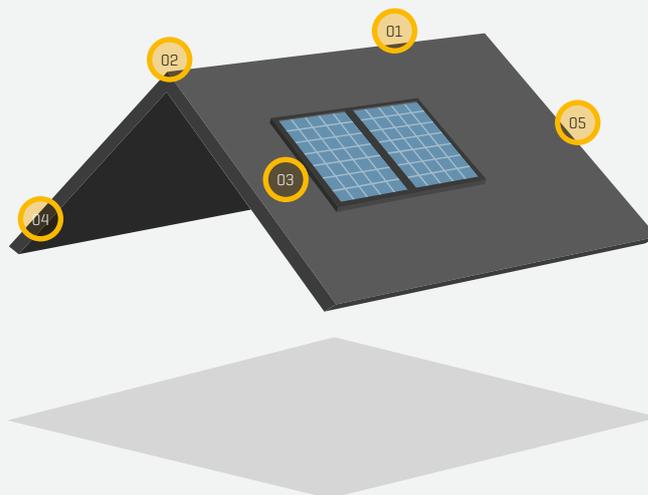
Only the all-ceramic roof, from the eaves to the ridge, guarantees the unmistakable overall performance of a Laumans clay tile roof. One in shape and function unbeatable unit that defies all environmental influences and does not show material fatigue even after decades. Available in all available colours and finishes.

## OTHER ACCESSORIES

We supply various roof accessories, such as snow chains, runners, and safety step pans for static or safety reasons, in a material combination of metal and / or plastic. These products are available upon request in the chosen roof tile colour.

## ORNAMENTS MADE OF CLAY

Make your roof even more individual with ornaments made of clay. Whether rooster, sleepwalker or cat, your ideas have no limits. Talk to your specialist about the many possibilities.



01

### RIDGE TILE

Perfect finishing tile for secure coverage of opposite roof surfaces on the ridge and hip.



02

### ROOF RIDGE ENDER

Elegant ridge formation as a starting or ending tile.



03

### SOLAR CONNECTION

Indispensable accessory tile for solar systems for penetration of the connection cable and pipework



04

### VERGE TILE

#### INTERIOR BAULK

Visually compact finish to the side roof plane and protection for the roof connection against driving rain. Available for left and right sides.

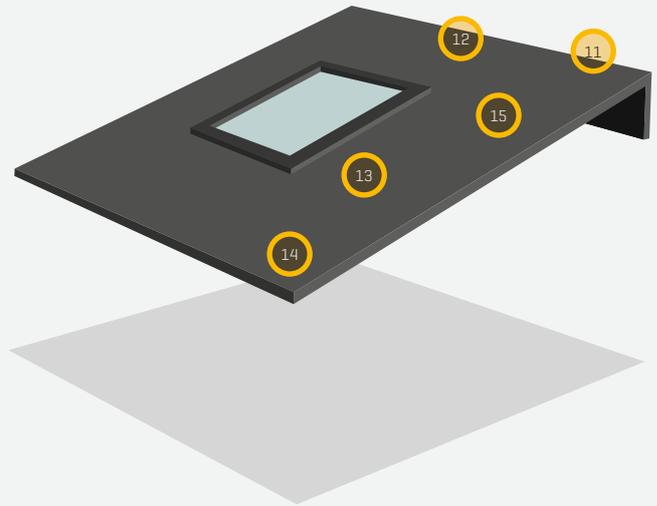
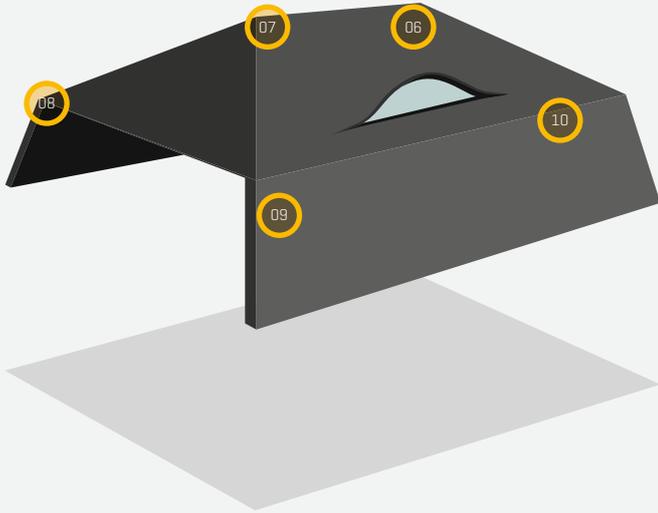


05

### ANTENNA TILE

For the safe implementation of satellite dish and antenna masts.





**06 FIRST DEPOSITORS**  
 Technical and visual improvement of the reception of the ridge tile in the last tile row.



**07 HIP CAP**  
 All-ceramic covering of the transition between the ridge and hip. Suitable for roof pitches of 18 – 50°.



**08 HIP STARTING TILE**  
 Shapely and functional design for the start of the hip.



**09 Half Tile**  
 Width compensation for existing roofs or for precise laying work on roof structures and roof windows.



**10 MANSARD TILE**  
 The accessory for creating mansard roofs or other creative roof shapes according to the requirements of the roofer.



**11 SHED ROOF TILE**  
 Finishing tile for all monopitch roofs. With 90° angle as a standard-shaped part. Other shapes at the roofer's request.



**12 UNIVERSAL SHED ROOF TILE**  
 Universal cover with finishing tiles.



**13 DOUBLE BRIM TILE**  
 Left-hand finish for ascending masonry or roof windows.



**14 VENTILATION TILE**  
 Additional surface ventilation in the eaves and ridge area. Ensures air circulation above the insulation and avoids condensation.

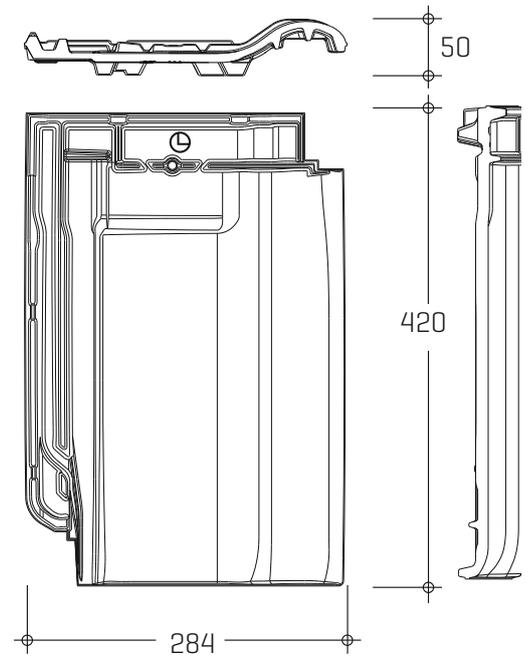


**15 VENTILATION PIPE**  
 For the driving rain-resistant ventilation of sanitary pipes and exhaust ducts over the roof.



# TECHNOLOGY WITH SYSTEM

In addition to all visual aspects, the protective function and safety of your roof takes first place. Thanks to the wide contact surface and the pronounced suspension, the TIEFA XLTOP® is firmly and securely on the roof batten. The four-way covering and intensive locking in the four-tile corner gives the tile surface additional stability and makes it extremely safe against wind suction. The double interlocking joint defies driving rain and snow. And this already for roof pitches from 12 ° with corresponding additional measures.<sup>1</sup>

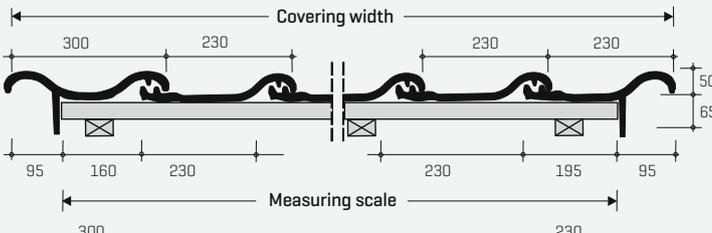


## LAUMANS TIEFA XL TOP®

DIMENSIONS	COVERING LENGTH	COVERING WIDTH	REQUIRED	WEIGHT	MINIMUM ROOF PITCH <sup>1</sup>	STANDARD ROOF PITCH	PACKAGE CONTENTS
approx. 420 x 284 mm	approx. 340-360 mm	approx. 230 mm	from approx. 12,2 pro m <sup>2</sup>	per pc.: approx. 3,7 kg per m <sup>2</sup> : 44,8-47,4 kg	12° with under-roof	22°	240 pcs. on europallet

## EVALUATION/SIZING OF THE COVERING WIDTH

### A: Verge tile with interior baulk



### B: Double brim tile



Tile clips for storm protection  
 Nr. 409-211 Clipholster® to batter in ZIAL  
 Nr. 456-205 Clipholster® to hang onto batten size 30 x 50 ZIAL  
 Nr. 456-213 Clipholster® for batten size 40 x 60 ZIAL

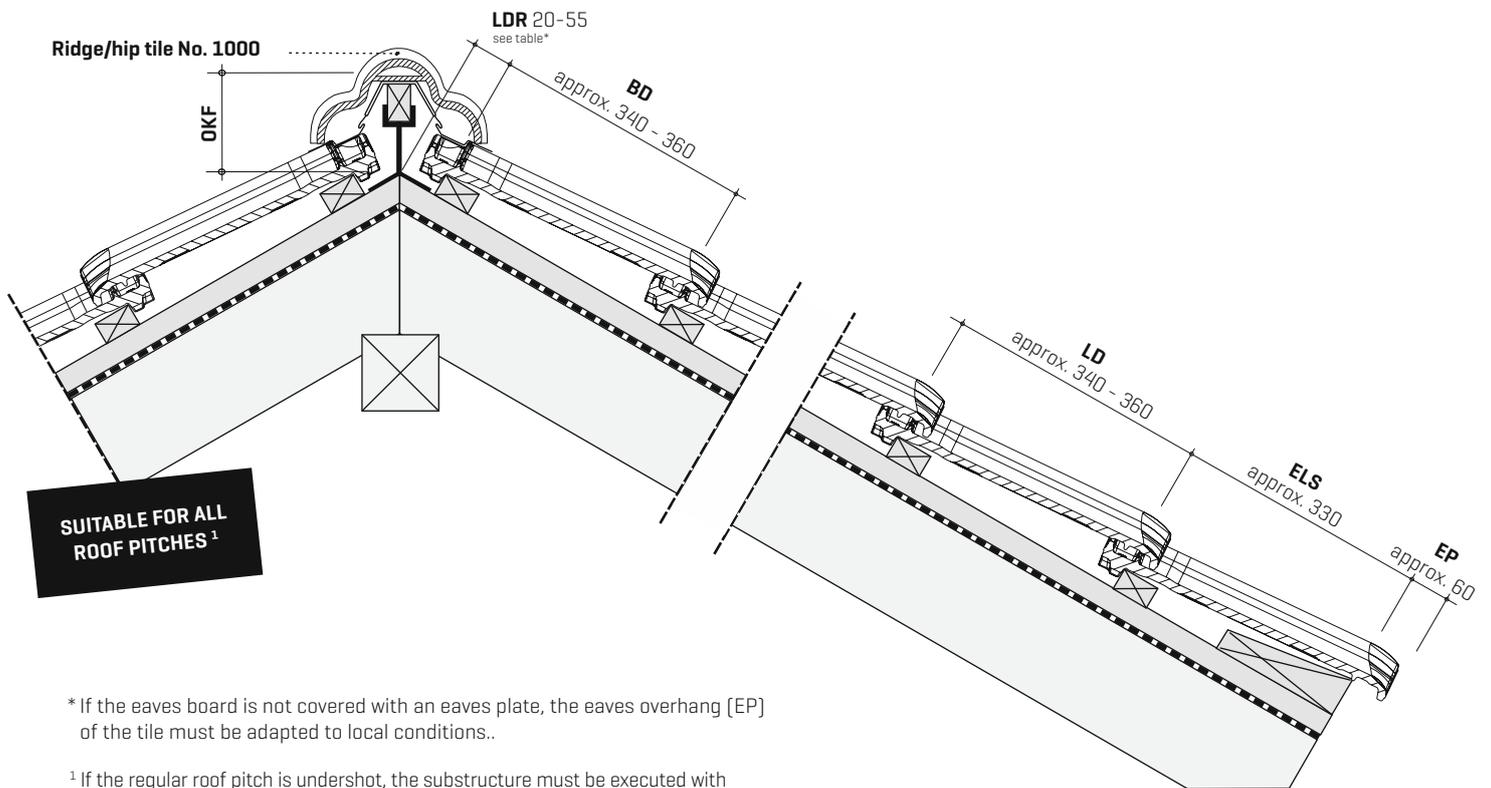
Storm clip assignment  
 Also use our free online tool for wind suction calculator and storm clip assignment.  
<http://www.laumans.de/en/windsog/>

**Average covering width in rows** without or with roof tile in mm construction width = respective measuring scale

ROWS		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
Roof tile (RT)		230	460	690	920	1.150	1.380	1.610	1.840	2.070	2.300	2.530	2.760	2.990	3.220	3.450
Double brim tile + RT	250 284	-	-	764	994	1.224	1.454	1.684	1.914	2.144	2.374	2.604	2.834	3.064	3.294	3.524
Verge tile l./r. (interior baulk) + RT	160 195	-	-	585	815	1.045	1.275	1.505	1.735	1.965	2.195	2.425	2.655	2.885	3.115	3.345

ROWS		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Roof tile (RT)		3.680	3.910	4.140	4.370	4.600	4.830	5.060	5.290	5.520	5.750	5.980	6.210	6.440	6.670	6.900
Double brim tile + RT		3.754	3.984	4.214	4.444	4.674	4.904	5.134	5.364	5.594	5.824	6.054	6.284	6.514	6.744	6.974
Verge tile l./r. (interior baulk) + RT		3.575	3.805	4.035	4.265	4.495	4.725	4.955	5.185	5.415	5.645	5.875	6.105	6.335	6.565	6.795



\* If the eaves board is not covered with an eaves plate, the eaves overhang [EP] of the tile must be adapted to local conditions..

<sup>1</sup> If the regular roof pitch is undershot, the substructure must be executed with increased requirements.

## EVALUATION/SIZING OF THE RAFTER LENGTH

Eaves overhang [EP] 60 mm: number of rows [according to chart] + lath distance eaves [ELS] + lath distance ridge [LDR]

### Covering length

ROWS	01	02	03	04	05	06	07	08	09	10
COVERING LENGTH in mm	340	680	1.020	1.360	1.700	2.040	2.380	2.720	3.060	3.400
	350	700	1.050	1.400	1.750	2.100	2.450	2.800	3.150	3.500
	360	720	1.080	1.440	1.800	2.160	2.520	2.880	3.240	3.600
ROWS	11	12	13	14	15	16	17	18	19	20
COVERING LENGTH in mm	3.740	4.080	4.420	4.760	5.100	5.440	5.780	6.120	6.460	6.800
	3.850	4.200	4.550	4.900	5.250	5.600	5.950	6.300	6.650	7.000
	3.960	4.320	4.680	5.040	5.400	5.760	6.120	6.480	6.840	7.200
ROWS	21	22	23	24	25	26	27	28	29	30
COVERING LENGTH in mm	7.140	7.480	7.820	8.160	8.500	8.840	9.180	9.520	9.860	10.200
	7.350	7.700	8.050	8.400	8.750	9.100	9.450	9.800	10.150	10.500
	7.560	7.920	8.280	8.640	9.000	9.360	9.720	10.080	10.440	10.800

### Further fitting tiles available

Bezeichnung	Deckbreite/Schnürrabstand
Half tile	115 mm
Ventilation tile, ventilation approx. 18 cm <sup>2</sup>	230 mm
Vent pipe/antenna opening tile	230 mm
Solar connection tile, admission max. 65 mm Ø	230 mm
Shed roof tile 90°, side length 220/100 mm	230 mm
Shed roof verge tile left	300 mm / 160 mm
Shed roof verge tile right	230 mm / 195 mm
Ridge inlay	

Shed roof tiles with different slopes and dimensions, mansard tiles etc. on request.

All values are determined with a 30 x 50 mm lathing. If other slat cross sections are used, than these must be checked at the construction site beforehand!

The accurate lath spacing has to be determined at the building site with the delivered tiles.

### Lath distance ridge (LDR)

Using roof tiles				
Roof pitch	20°	30°	40°	50°
Ridge No. 1000	55 mm	50 mm	40 mm	29 mm
Ridge No. 300	55 mm	45 mm	35 mm	20 mm

### Distance from ridge vertex / Top of ridge lath (OKF):

Using roof tiles				
Roof pitch	20°	30°	40°	50°
Ridge No. 1000	150 mm	130 mm	120 mm	105 mm
Ridge No. 300	140 mm	130 mm	120 mm	105 mm

# ORDER ONLINE ROOF TILE SAMPLES!

## EXPERIENCE THE DIFFERENCE

Order your favourite roof tile free of charge and be inspired by the uncompromising quality of our high-quality products made from Tegelen clay. Exclusive colours, unique surfaces and roof tile models with a strong character.



[laumans.de/en/order-samples/](https://laumans.de/en/order-samples/)

Use our sample tile service free of charge and without obligation. Please note that sample tiles are always to be regarded as average samples in terms of colour.



## UNIQUE FACADES WITH DANISH WATERSTRUCK BRICKS

Be inspired and expand your creative possibilities. With Ultima - the extraordinary waterstruck bricks in an exclusive long format. For façades with a strong character for individual detached houses and other ambitious architectural projects.

We ship worldwide - Feel free to contact us for international orders.



[randerstegl.com/en/ultima/rt-153](https://randerstegl.com/en/ultima/rt-153)



### TOP OR FLOP?

Tell us your opinion!  
[survey@laumans.de](mailto:survey@laumans.de)



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