

HARMONIE® – Flat roof tile



The timeless, beautiful flat roof tile.

HARMONIE® – Sophisticated down to the finest detail

Many colours and surface finishes



HARMONIE

THE BENEFITS

- The most flexible small format flat roof tile of its kind. Can be used for almost every shape and pitch**
- Large adjustment range of 25 mm per tile**
- Balanced and optimised appearance**
- Rainproof fourfold overlap due to optimal upper and side interlock**
- Large variety of colours due to 9 different colours**



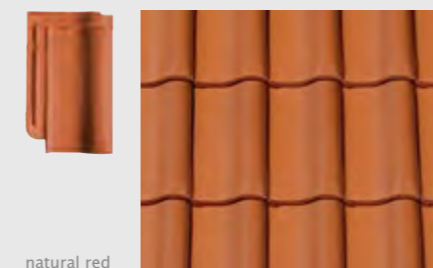
HARMONIE seamlessly adapts to different roof geometries and is easily installed, quickly and securely.



You can find instructions for the installation of the verge and additional topics online at www.creaton.com/service/downloadcenter/building-products-decree

NATURAL RED

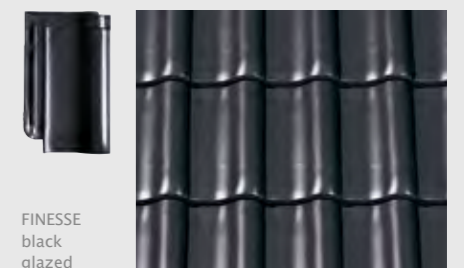
PERFECT RAW MATERIALS GUARANTEE QUALITY AND PURITY



natural red

FINESSE

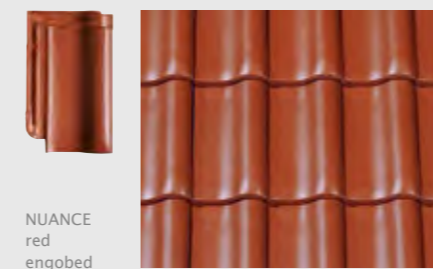
LARGE VOLUME GLAZE



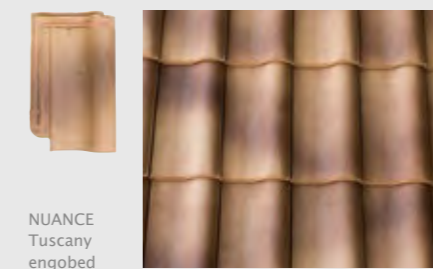
FINESSE black glazed

NUANCE

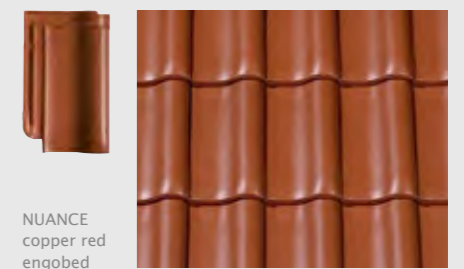
ENGOBES COLLECTION



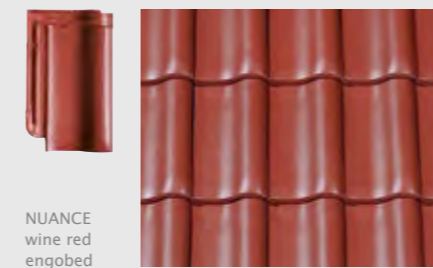
NUANCE red engobed



NUANCE Tuscany engobed



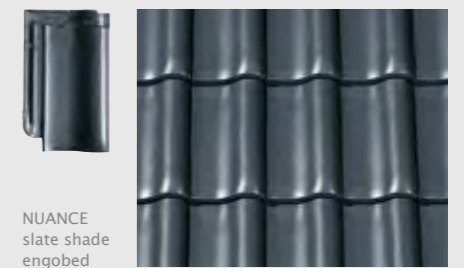
NUANCE copper red engobed



NUANCE wine red engobed



NUANCE dark brown engobed



NUANCE slate shade engobed



NUANCE anthracite engobed



AESTHETIC

RELIABLE

HIGH QUALITY



HARMONIE® – Original accessories

CERAMIC ACCESSORIES

NATURAL, PERMANENT COLOUR AND UV PROTECTION



You can find additional accessories in our price catalogue and on our website www.creaton.com/clay-roof-tiles/clay-roof-tiles/interlocking-tiles/harmonie-142-pcsm2

The colours of the depicted ridge and hip tile products are examples. The colour of the products you receive will match the desired model.

SYSTEM ACCESSORIES

FAST, EASY AND SECURE INSTALLATION



For safe roof access during maintenance work: CREATON step systems are distinguished by safe, non-slip treads and match the roof perfectly. CREATON snow guard grids, log brackets and massive mountain snow guard supports provide protection from snow and ice loads, especially in regions with heavy snowfall. Strong aluminium base elements were developed for easy, secure installation of flexible components that integrate perfectly into the roof surface in shape and colour.

CREATON ROOF MEMBRANES



CREATON roof membranes provide you with great protection with **economical, cost-effective** sub-roof assemblies, even with low roof pitches.

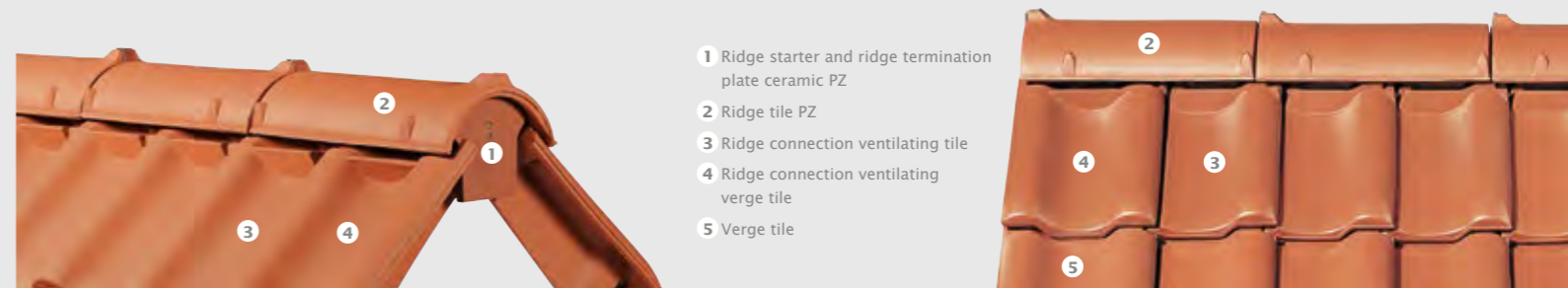
FULL CERAMIC RIDGE END CAP

OPTIMAL VENTILATION SYSTEM



Full ceramic roofs are particularly functional, sustainable and visually perfect. CREATON offers the ideal system complement for the HARMONIE model with the full ceramic ridge end cap. Ridge connection ventilating tile with full ceramic spoiler ensures optimal ventilation for your roof. Even very flat roofs remain protected from rain intrusion.

Colours and shapes in the CREATON product range always match. And since the patented fastening system requires no mortar or plastic, the full ceramic roof connection is maintenance free. CREATON relies completely on the full ceramic roof – because it is the most economical and beautiful solution with lasting value.



CREATON – For precision work on the roof

TECHNICAL DATA



**25 MM
ADJUSTMENT
RANGE**

Size:	approx. 250 x 410 mm	
Coverage width:	min.	approx. 197 mm
	average	approx. 199 mm
	max.	approx. 201 mm
Gauge:	min.	approx. 328 mm
	average	approx. 340 mm
	max.	approx. 352 mm
Tiles required:	min.	approx. 15.6 pcs./m ²
	average	approx. 14.9 pcs./m ²
	max.	approx. 14.2 pcs./m ²
Unit weight:	approx. 3.1 kg	approx. 46.2 kg/m ²
Mini-pack: 5 pcs	Pallet: 280 pcs	
Roof pitch with half offset pattern:	≥ 22°	minimum roof pitch
	≥ 16°	with sheathing
	≥ 14°	with welded or adhesive membrane
	≥ 12°	with rainproof sub-roof
	≥ 10°	with waterproof sub-roof

Tile batten 30/50, ridge tile type PZ Requirement: 2.5 pcs/rm

Roof pitch	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°
LAF	60	60	55	50	45	40	35	30	30	25	25
FLA	100	100	95	90	85	80	70	70	60	55	50

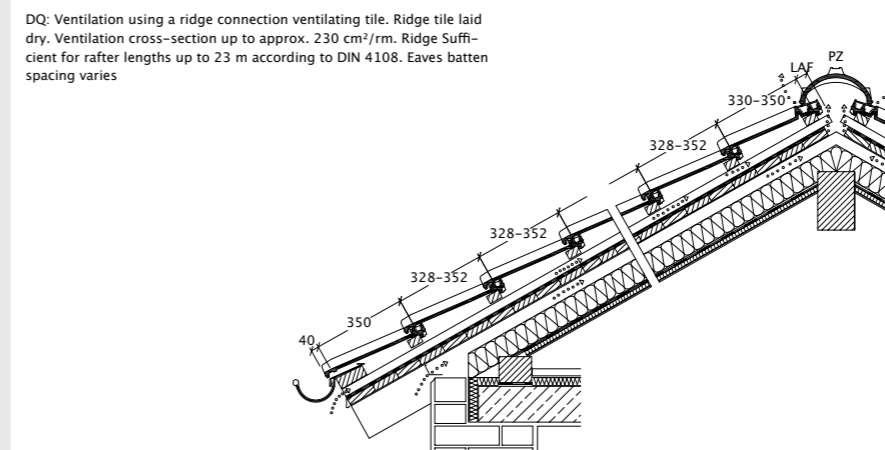
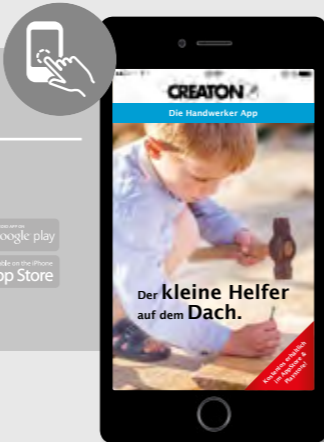
Tile batten 40/60, ridge tile type PZ Requirement: 2.5 pcs/rm

Roof pitch	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°
LAF	60	60	55	45	40	35	30	20	15	10	10
FLA	110	110	105	100	95	90	80	80	70	65	60

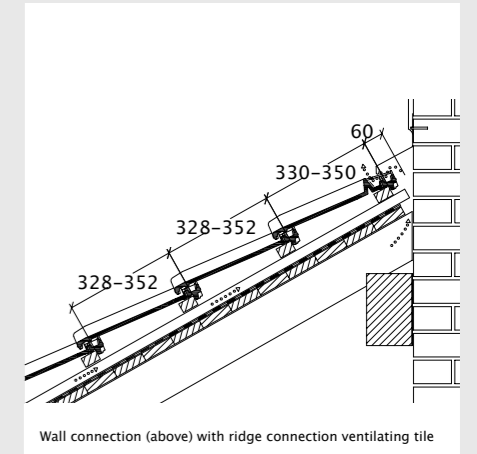
We would be happy to answer your questions about the execution of the sub-roof area. With batten distances in the minimum/maximum limit range, please make sure to state the batten width when ordering! Minor colour and dimensional deviations may arise due to natural variations in the raw clay.

ROOFER APP

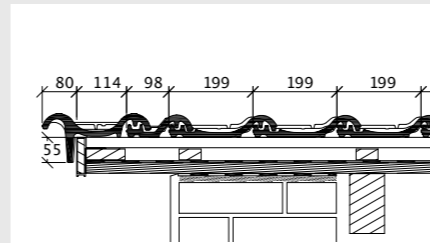
Search for products, view technical drawings or simply make a snow load or storm clip calculation - you can now do all of this quickly and conveniently on site with a smartphone. With the new Roofer app from CREATON, building professionals always have their office with them, wherever they go.



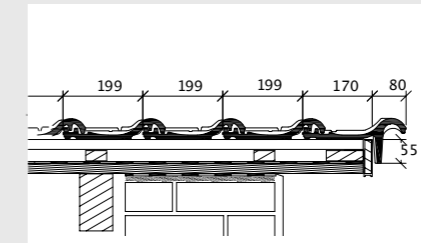
DQ: Ventilation using a ridge connection ventilating tile. Ridge tile laid dry. Ventilation cross-section up to approx. 230 cm²/rm. Ridge Sufficient for rafter lengths up to 23 m according to DIN 4108. Eaves batten spacing varies



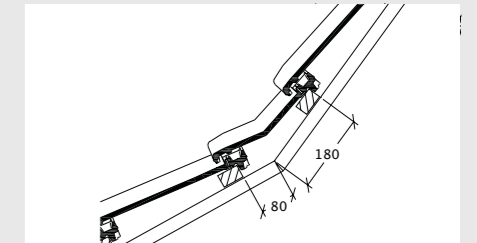
Wall connection (above) with ridge connection ventilating tile



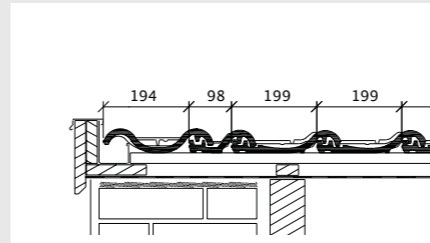
Verge construction: Left-hand verge tile and barge board



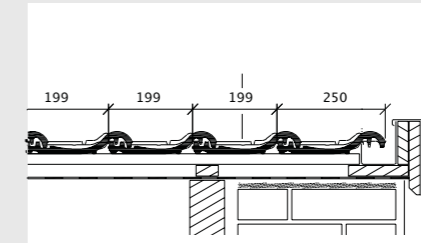
Verge construction: Right-hand verge tile and barge board



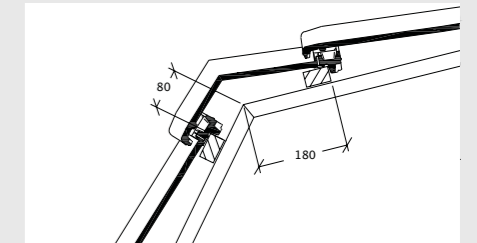
Pitch transition tile



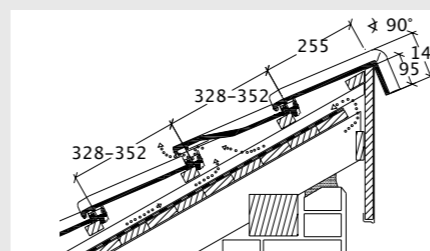
Left verge construction with verge sheet metal and double roll tile



Verge construction with right-hand verge tile and barge board



Mansard tile



Shed roof model: the gauge is available from CREATON upon request with special orders

ROOF PLANNER

Request the current roof planner from us. It is also ready for you to download.

www.creaton.de/service



According to the Central Association of the German Roofing Trade (ZVDH) rules for verge tiles, the distance between the inner edge of the verge lug and the outer edge of the gable wall or cladding must be at least 1 cm. The technical drawings shown are merely examples. The information given concerning pitches below the pitch limit and the resulting execution of the sub-roof are based on the specifications of ZVDH in Germany. Different specifications or standards may apply outside Germany (such as Austrian standards). These must be complied with in individual cases and information should be obtained from local specialists.

CREATON – Natural clay sets the tone

CREATON PURITY LAW

BASED ON THE FOUR ELEMENTS



CREATON only uses natural clay raw materials that come from the best extraction sites. The choice quality of all materials used is the basis for the unique surface finish that make CREATON clay roof tiles especially durable, timelessly beautiful and environmentally friendly. We deliberately avoid the use of chemical additives. CREATON stands for pure natural products, environmentally compatible technology and the desire to promote living in healthy surroundings.



Moisture & frost resistant



Fire resistant



Diffusion resistant



UV resistant



Durable



Manufactured in an environmentally-friendly manner

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