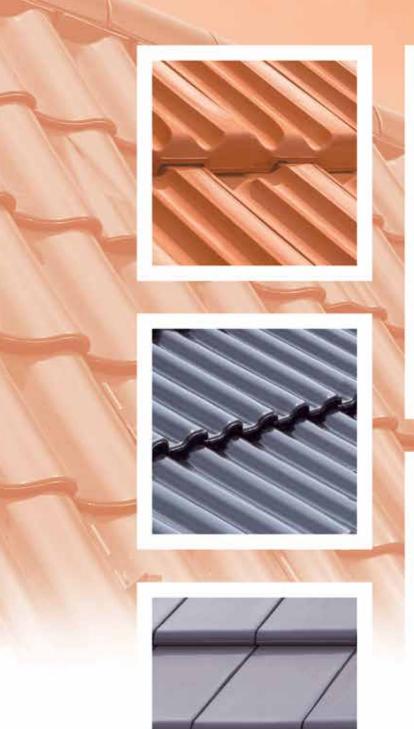




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SHORT HISTORY OF ROOFING TILES

Forming and shaping clay has been developing along with the human civilisation. Many human activities were connected to clay since antiquity, from civil engineering, food culture, to culture in general. That is how clay became the raw material for covering roofs, and after additional shaping and thermal processing, it turned into roofing tiles. The first people to cover their roofs with roofing tiles were the Chinese, 10 000 years BC. They were used by various cultures around the world because they wanted their roofs to be not just permanent, resistant to fire and elements, but also look nice. With certain design, manufacturing, and application changes, roofing tiles still remain in use today.

QUALITY ROOFING TILES - A DECISION FOR YOUR ENTIRE LIFE

In the last several years, roofing tiles have been going through a renaissance, along with the increased awareness about healthy and ecologically acceptable living, because roofing tiles are made only from natural materials. If you consider that the service life of roofing tiles is at least half a century, once you decide to cover your roof with roofing tiles, you made a decision for your entire life.

NEXE ROOFING TILES - AESTHETICALLY PERFECT AS WELL

We know that your lifestyle and your taste are unique. That is why our role is primarily to listen to you. We understand your needs and your style, and we are considering not just optimal use, but also the appearance of one of the most precious things - your life space, also taking into consideration all the specific characteristics of the climate and its position. Due to its continental appearance and grooves for fast rainwater drainage, double grooved Nexe roofing tiles Glinex and large roofing tiles Cezar are made for use in continental areas. The geometry of the products was designed in a manner that will allow the creation of roofing tiles with large movable areas (for CEZAR up to 5 cm) and highest quality sealing properties (double seal system), which increases safety and versatility of application. The attractive and modern design of Valens flat roofing tiles provides a special charm to modern buildings. Their special feature is the large movable area, which also makes it suitable for renovations. Nexe roofing tile models Mediteran and large roofing tiles Oktavijan and Dioklecijan are more suited for Mediterranean areas. Roofs in the Mediterranean area have traditionally been covered with Mediteran for many years, because its design and its high wave are especially suited for low roof slopes and strong gusts of Bora. Its larger seals enable better sealing for water breaches and in overlaps on the roof. Nexe large roofing tiles Dioklecijan and Oktavijan are also often used for Mediterranean roofs. Dioklecijan and Oktavijan are especially suitable due to their appearance and excellent sealing properties for both Mediterranean and continental roofs. Minimum slope for using Nexe roofing tile models is 17°.



NEXE ROOFING TILES - GUARANTEED LASTING QUALITY

You have a vision of what you want and now you have to make it a reality? We are here to help, with advice and solutions that you maybe did not think of, to get the most out of your valuable investment. We are offering high quality solutions because your home is not just four walls and a roof, but above all else a space for your comfort. That is why we know that quality is the most important factor. Quality roofing is solid regardless of the weather conditions, waterproof, long-lasting, simple to install, easy to maintain. Quality roofing must be easy to renovate and ecologically acceptable. Nexe roofing tiles have all those features. We can guarantee quality which has been proven by numerous awards and certificates we received as confirmation of high quality, tradition, ecological awareness, and our contributions to sustainable development. The warranty for the quality of Nexe roofing tile products is at least 40 years. If the buyer decides to purchase the complete roof system with the NEXE KROV PLUS roofing equipment, they will be eligible for the extended warranty 40 + 10 years.













Cezar

EN 1304:2005

Yes Nail hole Riveting nail (mm) cca 4x50 Average roof tile weight (kg) cca 4.0 Roof tile consumption per m2 of cca 10 roof (pcs) Roof load (kg/m²) cca 40 Roof load (kN/m²) cca 0,40 Covering dimensions (mm) cca 410x250 Laying of first batten-eave (mm) cca 350 Recommended batten distance (mm) cca 400 Minimum batten distance (mm) cca 350 Maximum batten distance (mm) cca 405 Recommended covering width (mm) cca 250 cca 2,5 Batten consumption (m'/m²) Counterbatten consumption (m'/m²) cca 1,4 240 Packing - 4 rows (pcs/pallet) Roof tiles in packing (pcs) 5 Pallet dimensions (mm) cca 1020x965 Packing weight (kg) cca 1000 Recommended roof slope 30° Minimum roof slope cca 22° Minimum roof slope cca 17° (with underconstruction)

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END TILE - RIGHT

END TILE - LEFT

VENTILATION TILE

SNOWFENCE

HALF OF TILE

FRONT PLATE
- RIDGE TILE

HOLLOW TILE

END PLATE
- RIDGE TILE

RANGE HOOD – CONNECTION

RIDGE DISTRIBUTOR

ROOSTER

RIDGE – BEGINNING



Oktavijan

EN 1304:2005

Nail hole Yes Riveting nail (mm) cca 4x50 Average roof tile weight (kg) cca 4.0 Roof tile consumption per m2 of cca 10 roof (pcs) Roof load (kg/m²) cca 40 Roof load (kN/m²) cca 0,40 Covering dimensions (mm) cca 400x250 Laying of first batten-eave (mm) cca 350 Recommended batten distance (mm) cca 400 Minimum batten distance (mm) cca 392 Maximum batten distance (mm) cca 405 Recommended covering width (mm) cca 250 Batten consumption (m'/m²) cca 2,5 Counterbatten consumption (m'/m²) cca 1,4 240 Packing - 4 rows (pcs/pallet) Roof tiles in packing (pcs) Pallet dimensions (mm) cca 1020x965 Packing weight (kg) cca 1000 Recommended roof slope 30° Minimum roof slope cca 22° Minimum roof slope cca 17° (with underconstruction)

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END TILE - RIGHT

END TILE - LEFT

VENTILATION TILE

SNOWFENCE

RIDGETILE - UNDER

RIDGE TILE -UNDER LEFT RIDGE TILE -UNDER RIGHT FRONT PLATE – RIDGE TILE HOLLOW TILE

END PLATE -

RANGE HOOD – CONNECTION

RIDGE DISTRIBUTOR

ROOSTER

RIDGE – BEGINNING



Dioklecijan

EN 1304:2005

Nail hole Yes Riveting nail (mm) cca 4x50 Average roof tile weight (kg) cca 3,80 Roof tile consumption per m2 of cca 11 roof (pcs) Roof load (kg/m²) cca 40 Roof load (kN/m²) cca 0,40 Covering dimensions (mm) cca 375x240 Laying of fi rst batten-eave (mm) cca 350 Recommended batten distance (mm) cca 380 Minimum batten distance (mm) cca 375 Maximum batten distance (mm) cca 385 cca 240 Recommended covering width (mm) Batten consumption (m'/m²) cca 2,5 Counterbatten consumption (m'/m²) cca 1,4 Packing - 4 rows (pcs/pallet) 240 Roof tiles in packing (pcs) Pallet dimensions (mm) cca 1020x965 Packing weight (kg) cca 1000 Recommended roof slope 30° Minimum roof slope cca 22° Minimum roof slope cca 17° (with underconstruction)

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END TILE - RIGHT

END TILE - LEFT

VENTILATION TILE

SNOWFENCE

RIDGE TILE - UNDER RIDGE TILE - LEFT RIDGE TILE - RIGHT

FRONT PLATE -RIDGETILE

HOLLOW TILE

END PLATE -RIDGE TILE

RANGE HOOD -CONNECTION

RIDGE DISTRIBUTOR

RIDGE -BEGINNING







HALF OF ROOF TILE

VENTILATION TILE



FRONT PLATE -

RIDGE TILE



RIDGE TILE



END PLATE -RIDGE TILE



DISTRIBUTOR







ROOSTER

RIDGE – BEGINNING



HALF OF ROOF TILE

VENTILATION TILE

FRONT PLATE -**RIDGE TILE**

RIDGE TILE



END PLATE -RIDGE TILE







DISTRIBUTOR





BEGINNING

ROOSTER



















RIDGE TILE



DISTRIBUTOR







ROOSTER







VENTILATION TILE

FRONT PLATE -RIDGE TILE

RIDGE TILE

END PLATE -**RIDGE TILE**

CONNECTION

RIDGE -BEGINNING

DISTRIBUTOR

BEGINNING







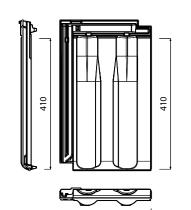


CORRECT ROOF BATTENING - CEZAR

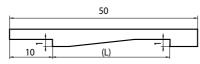
COVERING DIMENSIONS

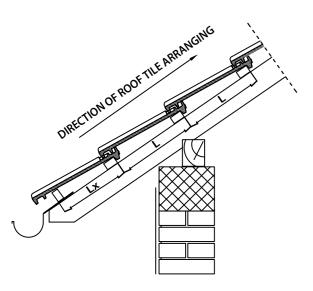
Length: 410 mm

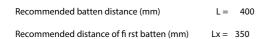
Width: 250 mm

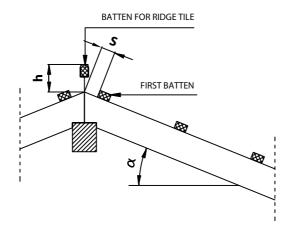


TEMPLATE FOR BATTEN DISTANCE (always two same pieces are made)





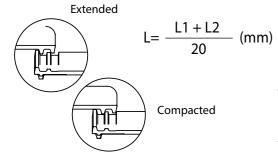


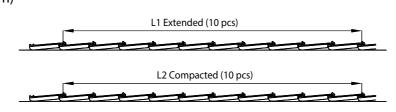


Roof slope "a"	20°	30°	40°
Position of fi rst batten "s"	80 mm	50 mm	40 mm
Position of batten for ridge tile "h"	105 mm	85 mm	85 mm

DEFINING DISTANCE BETWEEN BATTENS ACCORDING TO NORM

- take 12 pcs of roof tile at construction site as sample.
- line them up on straight surface (concrete or board), facedown.
- measure the distance of 10 extended roof tiles (L1) and then distance of compacted roof tiles (L2).

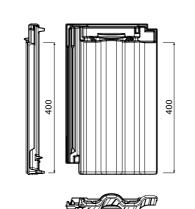




CORRECT ROOF BATTENING - OKTAVIJAN

COVERING DIMENSIONS

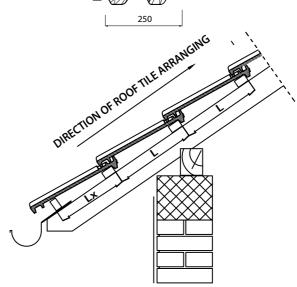
Length: 400 mm Width: 250 mm



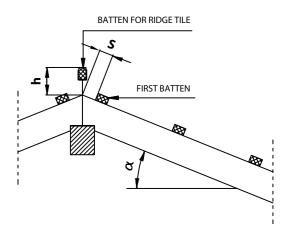
(always two same pieces are made)

TEMPLATE FOR BATTEN DISTANCE

-	50	
-		•
10-	(1)	
10	(L)	



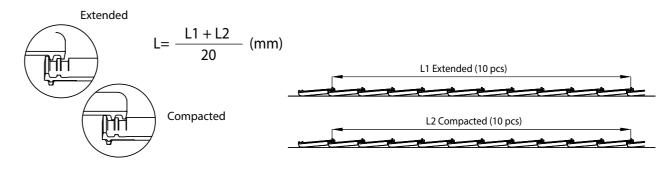
Recommended batten distance (mm)	L=	400		
Recommended distance of first batten (mn	n)	Lx =	350	



Roof slope "a"	20°	30°	40°
Position of first batten "s"	60 mm	50 mm	40 mm
Position of batten for ridge tile "h"	115 mm	95 mm	85 mm

DEFINING DISTANCE BETWEEN BATTENS ACCORDING TO NORM

- take 12 pcs of roof tile at construction site as sample.
- line them up on straight surface (concrete or board), facedown.
- measure the distance of 10 extended roof tiles (L1) and then distance of compacted roof tiles (L2).





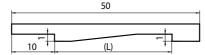
CORRECT ROOF BATTENING - DIOKLECIJAN

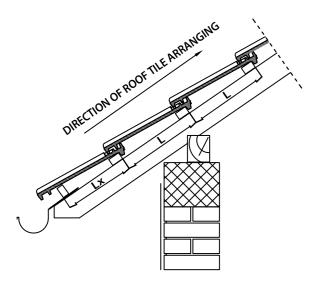
240

COVERING DIMENSIONS

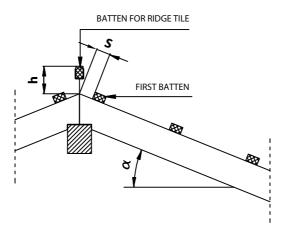
Length: 375 mm Width: 240 mm

TEMPLATE FOR BATTEN DISTANCE (always two same pieces are made)





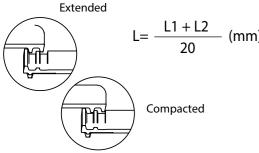
Recommended batten distance (mm) L = 380Recommended distance of first batten (mm) Lx = 340

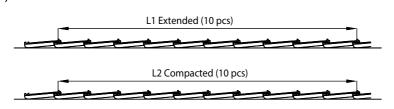


Roof slope "a"	20°	30°	40°
Position of first batten "s"	60 mm	50 mm	40 mm
Position of batten for ridge tile "h"	115 mm	95 mm	85 mm

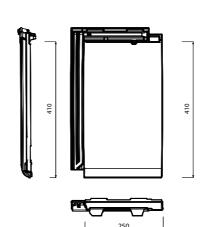
DEFINING DISTANCE BETWEEN BATTENS ACCORDING TO NORM

- take 12 pcs of roof tile at construction site as sample.
- line them up on straight surface (concrete or board), facedown.
- measure the distance of 10 extended roof tiles (L1) and then distance of compacted roof tiles (L2).





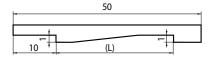
CORRECT ROOF BATTENING - VALENS

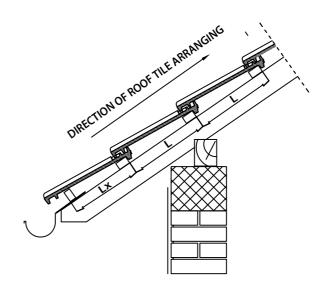


COVERING DIMENSIONS

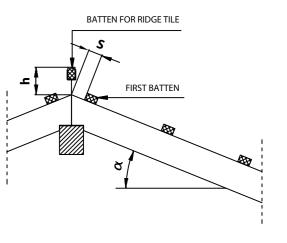
Length: 410 mm Width: 250 mm

TEMPLATE FOR BATTEN DISTANCE (always two same pieces are made)





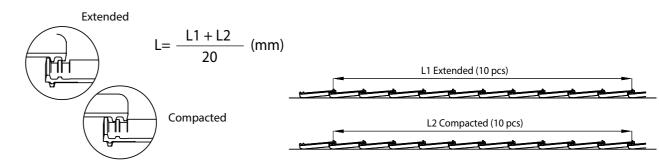
Recommended batten distance (mm) L = 400Recommended distance of fi rst batten (mm) L = 350



Roof slope "a" 20° 30° 40° Position of first batten "s" 80 mm 50 mm 40 mmPosition of batten for ridge tile "h" 105 mm 85 mm 85 mm

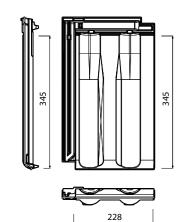
DEFINING DISTANCE BETWEEN BATTENS ACCORDING TO NORM

- take 12 pcs of roof tile at construction site as sample.
- line them up on straight surface (concrete or board), facedown.
- measure the distance of 10 extended roof tiles (L1) and then distance of compacted roof tiles (L2).





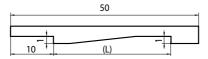
CORRECT ROOF BATTENING - GLINEX PREMIUM

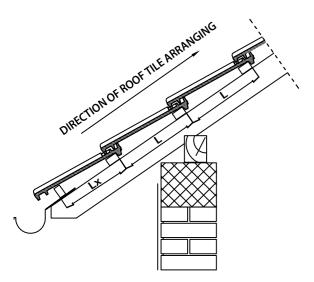


COVERING DIMENSIONS

Length: 345 mm Width: 228 mm

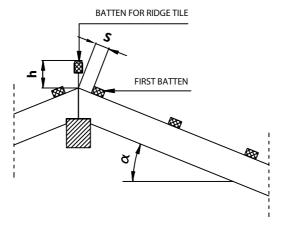
TEMPLATE FOR BATTEN DISTANCE (always two same pieces are made)





Recommended batten distance (mm) L = 350

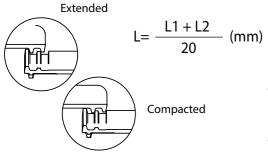
Recommended distance of first batten (mm)

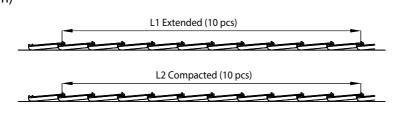


Roof slope "a"	20°	30°	40°
Position of fi rst batten "s"	60 mm	50 mm	40 mm
Position of batten for ridge tile "h"	110 mm	90 mm	85 mm

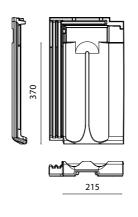
DEFINING DISTANCE BETWEEN BATTENS ACCORDING TO NORM

- take 12 pcs of roof tile at construction site as sample.
- line them up on straight surface (concrete or board), facedown.
- measure the distance of 10 extended roof tiles (L1) and then distance of compacted roof tiles (L2).





CORRECT ROOF BATTENING - GLINEX

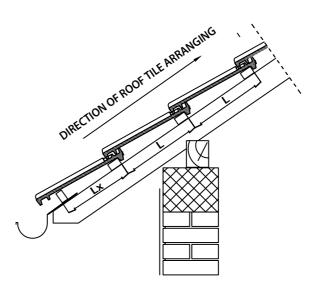


COVERING DIMENSIONS

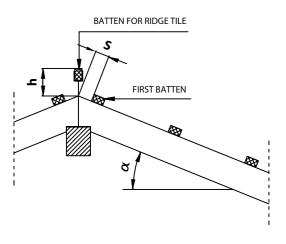
Length: 370 mm Width: 215 mm

TEMPLATE FOR BATTEN DISTANCE (always two same pieces are made)

L-	50	
		•
		-
10	(L)	*.
		-



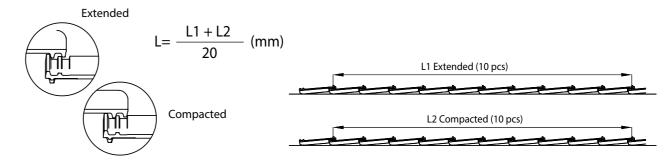
Recommended batten distance (mm) L = 360 Recommended distance of first batten (mm) Lx = 320



Roof slope "α"	20°	30°	40°
Position of first batten "s"	50 mm	40 mm	30 mm
Position of batten for ridge tile "h"	110 mm	90 mm	85 mm

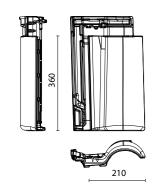
DEFINING DISTANCE BETWEEN BATTENS ACCORDING TO NORM

- take 12 pcs of roof tile at construction site as sample.
- line them up on straight surface (concrete or board), facedown.
- measure the distance of 10 extended roof tiles (L1) and then distance of compacted roof tiles (L2).





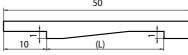
CORRECT ROOF BATTENING - MEDITERAN/MEDITERAN



Length: 360 mm Width: 210 mm

COVERING DIMENSIONS

TEMPLATE FOR BATTEN DISTANCE (always two same pieces are made)



HOLLOW TILE



FRONT PLATE FOR HOLLOW TILE

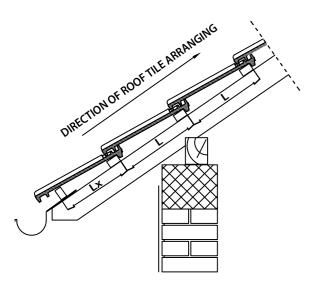
HOLLOW TILE

FINAL PLATE FOR HOLLOW TILE

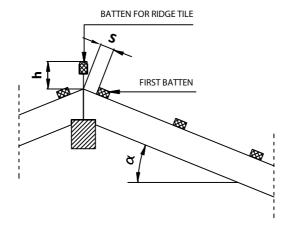
EN 1304:2005

Nail hole Yes
Riveting nail (mm) cca 4x50
Average roof tile weight (kg) cca 3,50
Roof tile consumption per m² of roof (pcs) cca 2,5
Covering dimensions (mm) cca 405x235
Packing - 4 rows (pcs/pallet) 108

Pallet dimensions (mm) cca 1020x850 Packing weight (kg) cca 420



Recommended batten distance (mm) L = 360Recommended distance of first batten (mm) Lx = 320



Roof slope "α"	20°	30°	40°
Position of fi rst batten "s"	50 mm	40 mm	50 mm
Position of batten for ridge tile "h"	135 mm	130 mm	115 mm

DEFINING DISTANCE BETWEEN BATTENS ACCORDING TO NORM

- take 12 pcs of roof tile at construction site as sample.
- line them up on straight surface (concrete or board), facedown.
- measure the distance of 10 extended roof tiles (L1) and then distance of compacted roof tiles (L2).

Extended $L = \frac{L1 + L2}{20} \text{ (mm)}$ L1 Extended (10 pcs) L2 Compacted (10 pcs)

GLINEX RIDGE TILE



FRONT PLATE FOR RIDGE TILE

T PLATE RIDGE TILE

FINAL PLATE FOR RIDGE TILE

EN 1304:2005

Nail hole Yes
Riveting nail (mm) cca 4x50
Average roof tile weight (kg) cca 3,20
Roof tile consumption per m² of roof (pcs) cca 3
Covering dimensions (mm) cca 340x200

Packing - 4 rows (pcs/pallet) 180

Pallet dimensions (mm) cca 1180x850 Packing weight (kg) cca 600





SPECIAL ROOF TILES GLINEX MEDITERAN OKTAVIJAN DIOKLECIJAN VALENS GLINEX PREMIUM Ventilation tile Snowfence Half of tile End tile right 1/1 End tile right ½ End tile left 1/1 End tile left ½ Ridge tile Front plate of ridge tile End plate of ridge tile Beginning of ridge Ridge distributor Ridge tile under Ridge tile under -right Ridge tile under-left Range hood-connection Rooster from Vinkovci

ROOF EQUIPMENT	CEZAR	OKTAVIJAN	DIOKLECIJAN	VALENS	GLINEX	GLINEX PREMIUM	MEDITERAN
Roof foil Compact 140							
Diffuse adhesive tape							
Holder of ridge/hip batten							
Ridge tile clutch							
Ridge/hip tape							
Eave grid							
Perforated tape for ventilation							
Metal snowfence							
Clutch for fi rst row of roof tile							
Clutch against storm							
Final perforated plate for ridge tile							
Cold engobe							

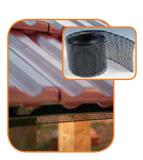
NEXE ROOF PLUS

Nexe roof plus is roof equipment that enables natural air fl ow under roof tile and thus makes the roof breath. Complete roof equipment provides permanent protection, correct functioning and long durability. Roofi ng with Nexe roof tile and original roof equipment **Nexe roof plus** provides extended guarantee of **40 +10 years**.

ROOF FOIL - COMPACT 140



PERFORATED VENTILATION TAPE



RIDGE / HIP BATTEN HOLDER



CLUTCH AGAINST STORM



RIDGE TILE CLUTCH



RIDGE / HIP TAPE



DIFFUSE ADHESIVE TAPE



COLD ENGOBE



29

PERFORATED END PLATE FOR RIDGE TILE



METAL SNOWFENCE





WARRANTY SHEET

For roofing tiles

Purchased on the date

(name, seat, and stamp of the company)

For the building

Receipt number

(first and last name)



- 1. DILJ d.o.o. VINKOVCI guarantees that the delivered roofing tiles will meet the requirements from the European norms for clay roofing tiles EN 1304:2005 in the stated time period of
- 2. If the roofing tiles do not fulfil their roofing requirements in that period due to the effects of weather, DILJ d.o.o. VINKOVCI undertakes to replace them with new ones, if it is proven that the roofing tiles in question do not meet the requirements from the European norms for clay roofing tiles. In that case DILJ d.o.o. VINKOVCI undertakes to cover the expenses for the replacement of the roofing tiles in question with new ones, while retaining the right to organise and implement the roofing tile replacement works.
- The warranty does not apply to mechanical damage caused by force majeure (e.g. act of god)
- 4. The warranty is applicable only under the following conditions:
 - If the roofing works were completed by professionals, according to professional rules and manufacturer's instructions
 - If roof ventilation is done according to the manufacturer's instructions
 - If the warranty claim was received by the manufacturer in written form, with the purchase date, type of roofing tiles, location of installation, type and scope of damage, and if copies of the receipt and the warranty sheet are attached to the warranty claim
 - If the person who submitted the warranty claim ensures that the manufacturer's representa tive can inspect the claimed product without distractions
- 5. Warranty 40 + 10 years applies only under the following conditions:
 - Same as everything stated in items 1,2,3, and 4
 - If the roof has been made according to the ventilated roof system with the original roof equipment NEXE KROV PLUS
- If special roofing tiles have been used in the construction of the roof
- 6. The warranty period starts on the day of delivery of the roofing tiles





DILJ d.o.o. Vinkovci Ciglarska 33

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