



## AENOR Product Certificate



034/001769

AENOR certifies that the organization

### CERAMICA LA ESCANDELLA, S.A.

registered office C/ BÉLGICA, 1 P.I. LA ESCANDELLA 03698 AGOST (Alicante - España)

supplies **Clay roofing tiles and fittings**

in compliance with UNE-EN 1304:2014 (EN 1304:2013)

Nº Technical Form 0670229 (see annex)

Production site C/ BÉLGICA, 1 P.I. LA ESCANDELLA 03698 AGOST (Alicante - España)

Certification scheme This Certificate has been granted in accordance with the stipulations of the Specific Rules RP 034.02

First issued on 2011-07-12

Last issued on 2022-06-23



Validity date 2027-06-23

Rafael GARCÍA MEIRO  
Chief Executive Officer



## AENOR MARK FOR CLAY ROOFING TILES AND FITTINGS

### TECHNICAL FORM N°: 0670229

Stamp and signature:	<b>MANUFACTURER</b>	CERÁMICA LA ESCANDELLA, S.A.			
	<b>MADE IN:</b>	AGOST - ALICANTE			
	<b>TILE DESCRIPTION:</b>	CLAY ROOF TILE WITH SIDELOCK AND HEADLOCK EN 1304			
	<b>BRAND NAME:</b>	PLANUM ROOF TILE			
<b>PRODUCT TECHNICAL CHARACTERISTICS</b>					
<b>MANUFACTURER GUARANTEED VALUES</b>				<b>AENOR REQUIRED VALUES</b>	
<b>REQUIRED</b>					
<b>Nominal dimensions (mm)</b>					
	X	Length 441	Width 278		
Individuals	X				
Overlap					
<b>Over and Under Tiles</b>					
		Maximum width	Minimum width		
		-	-		
<b>Impermeability</b>					
Category 1	X	Test method 1	X		
Category 2		Test method 2			
<b>Frost resistance</b>					
Level 1 (n° cycles without damages ≥ 150)			X		
Level 2 (n° cycles without damages ≥ 90)					
<b>OPTIONAL CHARACTERISTICS ANNEX D RP 34 02</b>					
		YES	NO		
Impermeability (D.2 RP 34.02)			X		
Frost Resistance (D.3 RP 34.02)			X		
<b>TILE SKETCH</b>					
					
<p>Piece without water repellent treatment</p> <p><b>Accessories:</b></p> <p>Side course, half roof tile, ridge, ridge end, end cap, ventilation roof tile, 3 way, 4 way, chimney support, chimney</p>					
		Structural characteristics (% faults)	ISO 2859-1	LCA 2,5 (I)	
		Length tolerance (%)		± 2,0	
		Width tolerance (%) (not applicable in Over and Under)		± 2,0	
		Uniformity of the transverse profile (mm) (Only for Over and Under Tiles)	EN 1024	N/A	
		Camber/Twist (%)		≤ 1,5	
		Impermeability (cm <sup>3</sup> /cm <sup>2</sup> * d)	EN 539-1	≤ 0,5	
		Mean Value		≤ 0,5	
		Individual Value		≤ 0,6	
		Mean Value	D.2 RP 34.02	N/A	
		Individual Value		N/A	
		Flexural strenght (N)	EN 538	≥ 1200	
		Frost resistance (cycles)	EN 539-2	≥ 150	
			D.3 RP 34.02	N/A	
		Fire reaction performance	EN 13501-1	A1	
		External fire performance	EN 13501-5	Broof (t1/t2/t3)	
<b>Additional information given by the manufacturer <sup>(1)</sup></b>					
Unitary mass (in grams):		3500			
Roof tiles number in m <sup>2</sup> (with one decimal):		11			
Length distance between battens (cm):		37 (+0,6 , -4,4)			
Surface finish:	Surface decoration with coloured engobes				
Mass coloration:	In accordance to demand				
Fixing types:	Nib, nail pre-fixing				
Further information:					

Construction details where the material named in this technical form have been placed:  
(For the final qualification, this technical form shall be stamped and signed by the manufacturer)

<sup>(1)</sup> This information is out of the AENOR Mark and ENAC accreditation scopes. AENOR is not responsible for the information in this square