

# AENOR

## AENOR Product Certificate Clay products for construction



**034/001706**

AENOR certifies that the organization

**TEJAS BORJA, S.A.U.**

registered office CR LLIRIA A PEDRALBA KM 3 46160 LLIRIA (Valencia - España)

supplies Clay roofing tiles and fittings

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

Nº Technical Form 0240226 (see annex)

Production site CR LLIRIA A PEDRALBA KM 3 46160 LLIRIA (Valencia - España)

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

This certificate supersedes 034/001706, dated 2021-06-21

First issued on 2010-07-06

Modified on 2022-03-15

Validity date 2027-03-15



Rafael GARCÍA MEIRO  
Chief Executive Officer

Original Electronic Certificate

AENOR INTERNACIONAL S.A.U.  
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Product certification body accredited by ENAC, number 1/C-PR271

AENOR MARK FOR CLAY ROOFING TILES AND FITTINGS						
TECHNICAL FORM N°: 0240226						
Stamp and signature:	MANUFACTURER	TEJAS BORJA S.A.U.				
	MADE IN:	LLIRIA (VALENCIA)				
	TILE DESCRIPTION:	PLAIN CLAY ROOF TILE WITH SIDELOCK AND HEADLOCK EN 1304				
	BRAND NAME:	ALICANTINA-12 BorjaDECOR				
<b>PRODUCT TECHNICAL CHARACTERISTICS</b>						
<b>MANUFACTURER GUARANTEED VALUES</b>				<b>AENOR REQUIRED VALUES</b>		
<b>REQUIRED</b>						
<b>Nominal dimensions (mm)</b>						
		Length	Width			
Individuals	X	430	257			
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>						
						
<b>Piece without water repellent treatment</b>						
<b>Accessories:</b>						
Angular Ridge, Angular Hip Starter, Angular 3 Ways, Angular 4 Ways, Straight End Cap, Universal Angular Edge, Half ALICANTINA-12 Izq-der, Ventilation ALICANTINA-12, Chimney Carrier ALICANTINA-12 d.130, Chimney d.130, Ventilation Cap, Decorative Piece A Ball, Decorative Piece B Acorn, Decorative Piece C Pine Cone, Decorative Piece D Lollipop, Decorative Piece E Galician Lollipop, Decorative Piece F Tulip, Decorative Piece G Tower, Decorative Piece H Pigeon, Red Bretagna 1 Ridge, Brown Bretagna 1 Ridge, Red Bretagna 2 Ridge, Brown Bretagna 2 Ridge, Bretagna 2 Ridge, Bretagna 2 Hip Starter, Bretagna 2 Straight End Cap.						
		Structural characteristics (% faults)	ISO 2859-1	LCA 2,5 (I)	LCA 2,5 (I)	
		Length tolerance (%)		± 2,0	± 2,0	
		Width tolerance (%) (not applicable in Over and Under)		± 2,0	± 2,0	
		Uniformity of the transverse profile (mm) (Only for Over and Under Tiles)	EN 1024	N/A	N/A	
		Camber/Twist (%)		≤ 1,5	≤ 1,5	
		Impermeability (cm <sup>3</sup> /cm <sup>2</sup> * d)	Mean Value	EN 539-1	≤ 0,5	≤ 0,5
			Individual Value		≤ 0,6	≤ 0,6
			Mean Value	D.2 RP 34.02	N/A	N/A
			Individual Value		N/A	N/A
		Flexural strenght (N)	EN 538	≥ 900	≥ 900	
		Frost resistance (cycles)	EN 539-2	≥ 150	≥ 150	
			D.3 RP 34.02	N/A	N/A	
		Fire reaction performance	EN 13501-1	A1	A1	
		External fire performance	EN 13501-5	Broof (t1/t2/t3)	Broof (t1/t2/t3)	
<b>Additional information given by the manufacturer <sup>(1)</sup></b>						
Unitary mass (in grams):		3000				
Roof tiles number in m <sup>2</sup> (with one decimal):		12,3				
Length distance between battens (cm):		37				
Surface finish:	Matt, Glazed, Crystal, Metallic					
Mass coloration:						
Fixing types:	NAILED, FOAM, POLYMERS, ACCORDING TO LAYING REGULATIONS					
Further information:	Assembly following the specifications of the manufacturer or placement rules of each place fulfilling the most restrictive.					

<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