

# AENOR

## AENOR Product Certificate Clay products for construction



**034/001023**

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 0240215 (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 034/001023, dated 2021-06-21

First issued on 2009-06-30

Modified on 2022-03-15

Validity date 2027-03-15





Rafael GARCÍA MEIRO  
Chief Executive Officer

Original Electronic Certificate

AENOR INTERNACIONAL S.A.U.  
Génova, 6. 28004 Madrid. España  
Tel. 91 432 60 00.- www.aenor.com

Product certification body accredited by ENAC, number 1/C-PR271

## AENOR MARK FOR CLAY ROOFING TILES AND FITTINGS TECHNICAL FORM N°: 0240215

Stamp and signature:	MANUFACTURER	TEJAS BORJA S.A.U.				
	MADE IN:	LLIRIA (VALENCIA)				
	TILE DESCRIPTION:	OVER AND UNDER CLAY ROOF TILE EN 1304				
	BRAND NAME:	C-45.20				
<b>PRODUCT TECHNICAL CHARACTERISTICS</b>						
<b>MANUFACTURER GUARANTEED VALUES</b>					<b>AENOR REQUIRED VALUES</b>	
<b>REQUIRED</b>						
<b>Nominal dimensions (mm)</b>			Structural characteristics (% faults)	ISO 2859-1	LCA 2,5 (I)	LCA 2,5 (I)
	Length	Width				
Individuals	X	450	-	EN 1024	± 2,0	± 2,0
Overlap					N/A	N/A
<b>Over and Under Tiles</b>			Width tolerance (%) (not applicable in Over and Under)		≤ 15	≤ 15
	Maximum width	Minimum width			≤ 1,5	≤ 1,5
	200	160				
<b>Impermeability</b>			Uniformity of the transverse profile (mm) (Only for Over and Under Tiles)	EN 539-1	≤ 0,5	≤ 0,5
Category 1	X	Test method 1				
Category 2		Test method 2		≤ 0,6	≤ 0,6	
<b>Frost resistance</b>			Camber/Twist (%)	D.2 RP 34.02	N/A	N/A
Level 1 (n° cycles without damages ≥ 150)		X				N/A
Level 2 (n° cycles without damages ≥ 90)				N/A	N/A	
<b>OPTIONAL CHARACTERISTICS ANNEX D RP 34 02</b>						
		YES	NO	Impermeability (cm <sup>3</sup> /cm <sup>2</sup> * d)	Mean Value	EN 538
Impermeability (D.2 RP 34.02)			X		Individual Value	EN 538
Frost Resistance (D.3 RP 34.02)			X	Mean Value	EN 539-2	≥ 150
<b>TILE SKETCH</b>				Individual Value	D.3 RP 34.02	N/A
				EN 13501-1	A1	A1
			Flexural strenght (N)	EN 538	≥ 1000	≥ 1000
			Frost resistance (cycles)	EN 539-2	≥ 150	≥ 150
			Fire reaction performance	D.3 RP 34.02	N/A	N/A
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):		1950				
Roof tiles number in m <sup>2</sup> (with one decimal):		25				
Length distance between battens (cm):						
Surface finish:		NATURE, Red, Moss red				
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.				
<b>Accessories:</b>						
C-50.21 Hip Starter, C-50.21 - 3 Ways, C-50.21 - 4 Ways, Under Ridge, Chimney Carrier C-50.21 d.130, Ventilation C-50.21, Chimney d.130, Ventilation Cap, Eave Closure C-50.21, 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, Talon 50/45, C-25.12						

<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