

AENOR

AENOR Product Certificate Clay products for construction



034/001709

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 0240220 (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 034/001709, 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°: 0240220

Stamp and signature:	MANUFACTURER	TEJAS BORJA S.A.U.													
	MADE IN:	LLIRIA (VALENCIA)													
	TILE DESCRIPTION:	CLAY ROOF TILE WITH SIDELOCK AND HEADLOCK EN 1304													
	BRAND NAME:	TB-4 BorjaDECOR													
PRODUCT TECHNICAL CHARACTERISTICS															
MANUFACTURER GUARANTEED VALUES					AENOR REQUIRED VALUES										
REQUIRED															
Nominal dimensions (mm)				Structural characteristics (% faults)	ISO 2859-1	LCA 2,5 (I)	LCA 2,5 (I)								
		Length	Width												
Individuals		X	442	258											
Overlap				Length tolerance (%)	± 2,0		± 2,0								
Over and Under Tiles				Width tolerance (%)			± 2,0	± 2,0							
		Maximum width	Minimum width		EN 1024										
		-	-												
Impermeability				Uniformity of the transverse profile (mm) (Only for Over and Under Tiles)	N/A		N/A								
Category 1		X	Test method 1						X						
Category 2			Test method 2												
Frost resistance				Camber/Twist (%)											
Level 1 (n° cycles without damages ≥ 150)			X												
Level 2 (n° cycles without damages ≥ 90)															
OPTIONAL CHARACTERISTICS ANNEX D RP 34 02															
		YES	NO		EN 539-1		≤ 0,5								
Impermeability (D.2 RP 34.02)			X												
Frost Resistance (D.3 RP 34.02)			X		D.2 RP 34.02		N/A								
TILE SKETCH						Mean Value		≤ 0,5							
						Individual Value		≤ 0,6							
						<p style="text-align: center;">Piece without water repellent treatment</p>						Mean Value		N/A	
												<p style="text-align: center;">Accessories:</p>			
						Flexural strenght (N)		EN 538		≥ 1200					
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)									
Additional information given by the manufacturer ⁽¹⁾															
Unitary mass (in grams):				3400											
Roof tiles number in m ² (with one decimal):				12,8											
Length distance between battens (cm):				37											
Surface finish:		Matt, Glazed, Crystal, Metallic, Irisado, Inspiration													
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.													
<p>Accessories:</p> <p>Circular Ridge, Circular Sense Chagement, Circular Hip Starter, Circular 3 Ways, Circular 4 Ways, Circular Straight End Cap, Circular Curved End Cap, Cover+ Ridge, Cover+ Hip Starter, Cover+ 3 Ways, Cover+ 4 Ways, Cover+ Straight End Cap, Cover+ Curved End Cap, Under Ridge, Straight Edge (Left/Right), Curved Edge (Left/Right), Curved Edge TB-4 (Left/Right), Universal Angular Edge, Half TB-4 / Cover Decocurva TB-4, Ventilation TB-4, Chimney Carrier TB-4 d.130, Chimney d.130, Ventilation Cap, Eave Closure, Pan Decocurva TB-4, 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.</p>															

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