

AENOR

AENOR Product Certificate Clay products for construction



034/001705

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 0240221 (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 034/001705, dated 2017-11-20

First issued on 2010-07-06

Modified on 2021-06-21

Validity date 2026-06-21

Rafael GARCÍA MEIRO
Chief Executive Officer

Original Electronic Certificate

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

AENOR MARK FOR CLAY ROOFING TILES AND FITTINGS									
TECHNICAL FORM Nº: 0240221									
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							
PRODUCT TECHNICAL CHARACTERISTICS									
MANUFACTURER GUARANTEED VALUES					AENOR REQUIRED VALUES				
REQUIRED					Structural characteristics (% faults)	ISO 2859-1	LCA 2,5 (I)	LCA 2,5 (I)	
Nominal dimensions (mm)			Length	Width					
Individuals		X	442	258	Length tolerance (%)	EN 1024	± 2,0	± 2,0	
Overlap									
Over and Under Tiles			Width tolerance (%)		(not applicable in Over and Under)	± 2,0	± 2,0		
Maximum width		Minimum width							
Impermeability					Uniformity of the transverse profile (mm) (Only for Over and Under Tiles)	EN 1024	N/A	N/A	
Category 1		X	Test method 1	X					
Category 2			Test method 2						
Frost resistance					Camber/Twist (%)	EN 1024	≤ 1,5	≤ 1,5	
Level 1 (n° cycles without damages ≥ 150)			X						
Level 2 (n° cycles without damages ≥ 90)									
OPTIONAL CHARACTERISTICS ANNEX D RP 34 02									
			YES	NO	Impermeability (cm ³ /cm ² * d)	EN 539-1	≤ 0,5	≤ 0,5	
Impermeability (D.2 RP 34.02)				X					
Frost Resistance (D.3 RP 34.02)				X					
TILE SKETCH									
					Mean Value	EN 539-1	≤ 0,5	≤ 0,5	
					Individual Value				
					Mean Value	D.2 RP 34.02	N/A	N/A	
					Individual Value				
					Flexural strenght (N)		EN 538	≥ 1200	≥ 1200
					Frost resistance (cycles)		EN 539-2	≥ 150	≥ 150
							D.3 RP 34.02	N/A	N/A
					Fire reaction perfomance		EN 13501-1	A1	A1
External fire perfomance		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:		NATURE, Red, Fosca, Vilaterra							
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.							
Accessories:									
Circular Ridge, Circular Sense Changement, 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.									

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