

AENOR

AENOR Product Certificate Clay products for construction



034/001015

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 0240202 (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 034/001015, 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

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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°: 0240202

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-12 White Clay (BorjaBlanc)												
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	439	260											
Overlap				Length tolerance (%)			± 2,0							
Over and Under Tiles				Width tolerance (%) (not applicable in Over and Under)			± 2,0							
		Maximum width	Minimum width											
		-	-											
Impermeability				Uniformity of the transverse profile (mm) (Only for Over and Under Tiles)	EN 1024		N/A							
Category 1	X	Test method 1	X				N/A							
Category 2		Test method 2					N/A							
Frost resistance				Camber/Twist (%)			≤ 1,5							
Level 1 (n° cycles without damages ≥ 150)							≤ 1,5							
Level 2 (n° cycles without damages ≥ 90)			X											
OPTIONAL CHARACTERISTICS ANNEX D RP 34 02														
		YES	NO	Impermeability (cm ³ /cm ² * d)	Mean Value	EN 539-1	≤ 0,5							
Impermeability (D.2 RP 34.02)			X		Individual Value		≤ 0,6	≤ 0,6						
Frost Resistance (D.3 RP 34.02)			X		Mean Value	D.2 RP 34.02	N/A	N/A						
					Individual Value		N/A	N/A						
TILE SKETCH						Flexural strenght (N)	EN 538	≥ 1200	≥ 1200					
						Frost resistance (cycles)	EN 539-2	≥ 90	≥ 90					
							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):						3050								
Roof tiles number in m ² (with one decimal):						12,8								
Length distance between battens (cm):						37								
Surface finish:						NATURE, Shaded White, Aged white, Vilavella								
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 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), Universal Angular Edge, Half TB-12, Tile and a Half TB-12, Ventilation TB-12, Chimney Carrier TB-12 d.130, Chimney d.130, Chimney d.140, Ventilation Cap, Eave Closure, Cover Decocurva TB-12, Pan Decocurva TB-12, 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