

AENOR

AENOR Product Certificate Clay products for construction



034/001016

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 0240203 (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 034/001016, 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°: 0240203

Stamp and signature:	MANUFACTURER	TEJAS BORJA S.A.U.			AENOR  Certified Product										
	MADE IN:	LLIRIA (VALENCIA)													
	TILE DESCRIPTION:	CLAY ROOF TILE WITH SIDELock AND HEADLOCK EN 1304													
	BRAND NAME:	TB-12													
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 (%)	EN 1024		± 2,0	± 2,0							
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 539-1		≤ 0,5	≤ 0,5						
Level 1 (n° cycles without damages ≥ 150)		X						≤ 0,6	≤ 0,6						
Level 2 (n° cycles without damages ≥ 90)				D.2 RP 34.02		N/A	N/A								
						N/A	N/A								
OPTIONAL CHARACTERISTICS ANNEX D RP 34 02				Impermeability (cm ³ /cm ² * d)		D.2 RP 34.02		Mean Value	≤ 0,5	≤ 0,5					
		YES	NO					Individual Value	≤ 0,6	≤ 0,6					
Impermeability (D.2 RP 34.02)					X			Mean Value	N/A	N/A					
Frost Resistance (D.3 RP 34.02)					X			Individual Value	N/A	N/A					
TILE SKETCH						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 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, Red, Aged red, Fosca, Lamalou, Bidasoa, Castilla, R. Vilavella, R. Rosarena, Brown, PLAIN COLOUR, Graphite, CENTENARIA, Ground, Mediterrania									
Mass coloration:						Brown									
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