

AENOR

AENOR Product Certificate Clay products for construction



034/001973

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 0240233 (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 034/001973, dated 2018-09-19

First issued on 2018-07-11

Modified on 2018-11-07

Validity date 2023-11-07



Rafael GARCÍA MEIRO
Chief Executive Officer

Original Electronic Certificate

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Product certification body accredited by ENAC, number 01/C-PR271

AENOR MARK FOR CLAY ROOFING TILES AND FITTINGS TECHNICAL FORM N°: 0240233

Stamp and signature:	MANUFACTURER	TEJAS BORJA S.A.U.			AENOR  Certified Product						
	MADE IN:	LLIRIA (VALENCIA)									
	TILE DESCRIPTION:	PLAIN CLAY ROOF TILE WITH SIDELOCK AND HEADLOCK EN 1304									
	BRAND NAME:	TECHNICA 10									
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	475	262	Length tolerance (%)							
Over and Under Tiles				Width tolerance (%)							
		Maximum width	Minimum width	(not applicable in Over and Under)							
Impermeability				Uniformity of the transverse profile (mm) (Only for Over and Under Tiles)	EN 1024						
Category 1	X	Test method 1	X					N/A			
Category 2		Test method 2									
Frost resistance				Camber/Twist (%)	EN 539-1						
Level 1 (n° cycles without damages ≥ 150)		X						≤ 1,5			
Level 2 (n° cycles without damages ≥ 90)				≤ 0,5							
OPTIONAL CHARACTERISTICS ANNEX D RP 34 02							Impermeability (cm ³ /cm ² * d)	EN 539-1			
		YES	NO	D.2 RP 34.02							
Impermeability (D.2 RP 34.02)		X									≤ 0,3
Frost Resistance (D.3 RP 34.02)		X		≤ 0,4							
TILE SKETCH						Flexural strenght (N)	EN 538	≥ 900	≥ 900		
						Frost resistance (cycles)		EN 539-2	≥ 150	≥ 150	
								D.3 RP 34.02	≥ 100	≥ 100	
						Fire reaction performance		EN 13501-1		A1	A1
						External fire performance		EN 13501-5		Broof	Broof
Additional information given by the manufacturer ⁽¹⁾						Unitary mass (in grams): 3150					
Roof tiles number in m ² (with one decimal): 10,7						Length distance between battens (cm): VARIABLE 37 - 41					
Surface finish: NATURE, RED, MOSS RED, PLAIN COLOUR, CHOCOLATE, LIGHT GREY, MID GREY, GRAPHITE, LEON.						Mass coloration: BROWN					
Fixing types: Nail, Tie						Further information:					
Accessories:						Piece without water repellent treatment					
Angular Ridge, Angular Hip Starter, Angular 3-Ways, Universal straight end cap, Bretagna 2 Ridge, Bretagna 2 Hip Starter, Universal Bretagna 2 Straight End Cap, Low 100° Ridge, Low 100° Hip Starter, Low 100° Straight End Cap, Flat Lace Straight Edges, Universal Angular Edge, Half Technica 10 Roof Tile, Technica 10 Ventilation, Technica 10 Chimney Carrier, 140 Chimney, Universal Ventilation Cap.											

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