

AENOR

AENOR Product Certificate Clay products for construction



034/001972

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 0240232 (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 034/001972, dated 2018-07-11

First issued on 2018-07-11

Modified on 2018-09-19

Validity date 2023-09-19



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°: 0240232

Stamp and signature:	MANUFACTURER	TEJAS BORJA S.A.U.					
	MADE IN:	LLIRIA (VALENCIA)					
	TILE DESCRIPTION:	PLAIN CLAY ROOF TILE WITH SIDELOCK AND HEADLOCK EN 1304					
	BRAND NAME:	FLAT 5 XL					
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	457	510	Length tolerance (%)			
Overlap				Width tolerance (%)	± 2,0	± 2,0	
Over and Under Tiles				(not applicable in Over and Under)			
		Maximum width	Minimum width				
		-	-				
Impermeability				Uniformity of the transverse profile (mm) (Only for Over and Under Tiles)			
Category 1	X	Test method 1	X	EN 1024			
Category 2		Test method 2		N/A			
Frost resistance				Camber/Twist (%)			
Level 1 (n° cycles without damages ≥ 150)		X		≤ 1,5			
Level 2 (n° cycles without damages ≥ 90)				≤ 1,5			
OPTIONAL CHARACTERISTICS ANNEX D RP 34 02							
		YES	NO				
Impermeability (D.2 RP 34.02)		X		EN 539-1			
Frost Resistance (D.3 RP 34.02)		X		≤ 0,5			
TILE SKETCH				Impermeability (cm ³ /cm ² * d)			
				Mean Value	EN 539-1		
				Individual Value	≤ 0,5		
				Mean Value	D.2 RP 34.02		
				Individual Value	≤ 0,3		
				Flexural strength (N)	EN 538	≥ 900	
				Frost resistance (cycles)		EN 539-2	≥ 150
						D.3 RP 34.02	≥ 100
				Fire reaction performance		EN 13501-1	A1
				External fire performance		EN 13501-5	Broof
Additional information given by the manufacturer⁽¹⁾							
Unitary mass (in grams):				6550			
Roof tiles number in m ² (with one decimal):				5,5			
Length distance between battens (cm):				VARIABLE 34 - 39			
Surface finish:		BORJAJET, SLATE, NEPAL ORANGE, DUBLIN GREY, PARIS OCRE, STONE, AUSTIN GREY, DENVER GOLD, DENVER IRIS, CEMENT, SIDNEY GRAPHITE, MARBLE, ROMA DARK, WOOD, TORONTO OAK, OXID, TOKYO COPPER, COTTO, IBIZA PINK, NATURE, PLAIN COLOUR, LEON.					
Mass coloration:		BROWN					
Fixing types:		Nail, Foam, Polymers					
Further information:							
Accessories:							
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 Flat-5XL Roof Tile, Flat-5XL Ventilation, Flat-5XL 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