

AENOR Product Certificate

Clay products for construction



034/001706

AENOR, Spanish Association for Standardization and Certification, 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	0240226 (see annexe)
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 34.02

This certificate supersedes 034/001706, dated 2015-01-16

First issued on	2010-07-06
Modified on	2016-09-12
Validity date	2021-09-12


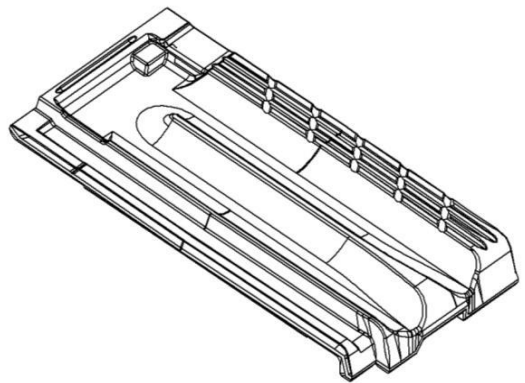

AENOR Asociación Española de Normalización y Certificación
Avelino BRITO
Chief Executive Officer

AENOR Asociación Española de Normalización y Certificación

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AENOR TRADE MARK FOR CLAY ROOFING TILES AND FITTINGS

TECHNICAL FORM N°: 0240226

MANUFACTURER: TEJAS BORJA, S.A.U				AENOR  Producto Certificado						
MADE IN: LLIRIA (VALENCIA)										
TILE DESCRIPTION: PLAIN CLAY ROOF TILE WITH SIDELOCK AND HEADLOCK EN 1304										
BRAND NAME: Plana Alicantina BORJAdecor®										
STATED CHARACTERISTICS				VALUES RULES FROM AENOR						
REQUIRED				Structural faults (% faults)	EN 1304	≤ 2,5				
Nominal dimensions (mm)										
		Length	Width	Length tolerance (%)		± 2,0				
Individuals	X	430	257							
Overlap				Width tolerance (%) (not applicable in Over and Under tiles)		± 2,0				
Over and Under Tiles										
	Maximum width	Minimum width		Uniformity of the transverse profile (mm) (Only for Over and Under Tiles)	EN 1024	≤ 15				
	-	-								
Impermeability				Camber/Twist (%)	L > 300 mm	≤ 1,5				
Category 1	X	Test method 1	X							
Category 2		Test method 2		L ≤ 300 mm		≤ 2,0				
Frost resistance				Impermeability (cm ³ /cm ² x d)	EN 539-1	≤ 0,5				
Level 1 (n° cycles without damages ≥ 150)			X							
Level 2 (n° cycles without damages ≥ 90)				Mean value	D.2 RP 34.02	≤ 0,6				
OPTIONAL CHARACTERISTICS ANNEX D RP 34 02				Individual value		N/A				
		YES	NO	Mean value	D.2 RP 34.02	N/A				
Impermeability (D.2 RP 34.02)			X	Individual value		N/A				
Frost Resistance (D.3 RP 34.02)			X	Flexural strenght (N)	EN 538	≥ 900				
TILE SKETCH				Frost resistance (cycles)	EN 539-2	≥ 150				
 <p style="text-align: center;">Piece without water repellent treatment</p>					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): 3000		
								Roof tiles number in m ² (with one decimal): 12,3		
								Length distance between battens (cm): 37		
								Surface finish: Sieving, Glazed, Glass, Metallic		
								Mass coloration:		
								Fixing types: Nail and Tie		
								Further information: Assembly according to UNE 136020		
				Accessories:				Angular 3 ways, Angular ridge, D.130 universal chimney, Angular hip starter, Universal angular edge, Half alicantina flat roof tile, D.130 alicantina flat chimney carrier, Tb-flat straight end cap, Universal ventilation cap, Alicantina flat ventilation roof tile		

⁽¹⁾ AENOR is not responsible for the information in this square, the responsibility is exclusively and only for the manufacturer's.