

AENOR Product Certificate

Clay products for construction



034/001024

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	0240216 (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 034/001024, dated 2015-01-16

First issued on	2009-06-30
Modified on	2016-09-12
Validity date	2021-09-12


AENOR Asociación Española de Normalización y Certificación


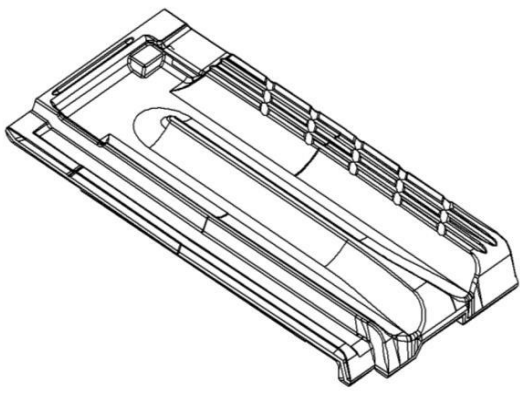
Avelino BRITO
Chief Executive Officer

AENOR Asociación Española de Normalización y Certificación

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AENOR TRADE MARK FOR CLAY ROOFING TILES AND FITTINGS

TECHNICAL FORM N°: 0240216

MANUFACTURER:		TEJAS BORJA, S.A.U		 Producto Certificado		
MADE IN:		LLIRIA (VALENCIA)				
TILE DESCRIPTION:		PLAIN CLAY ROOF TILE WITH SIDELOCK AND HEADLOCK EN 1304				
BRAND NAME:		Plana Alicantina				
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						
Over and Under Tiles				Width tolerance (%) (not applicable in Over and Under tiles)		± 2,0
	Maximum width	Minimum width				
	-	-				
Impermeability				Uniformity of the transverse profile (mm) (Only for Over and Under Tiles)	EN 1024	≤ 15
Category 1	X	Test method 1	X			
Category 2		Test method 2				
Frost resistance				Camber/Twist (%)		≤ 1,5
Level 1 (n° cycles without damages ≥ 150)		X				
Level 2 (n° cycles without damages ≥ 90)				L > 300 mm		≤ 2,0
				L ≤ 300 mm		
OPTIONAL CHARACTERISTICS ANNEX D RP 34.02				Impermeability (cm ³ /cm ² x d)		EN 539-1
		YES	NO			
Impermeability (D.2 RP 34.02)			X			
Frost Resistance (D.3 RP 34.02)			X			
				Mean value		≤ 0,5
				Individual value		≤ 0,6
				Mean value		N/A
				Individual value	D.2 RP 34.02	N/A
TILE SKETCH				Flexural strenght (N)	EN 538	≥ 900
				Frost resistance (cycles)	EN 539-2	≥ 150
					D.3 RP 34.02	N/A
				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:		Red, Fosca, Litoral, Norteña, Black				
Mass coloration:		Brown				
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.