

# AENOR Product Certificate

## Clay products for construction



**034/001023**

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	0240215 (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 034/001023, 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


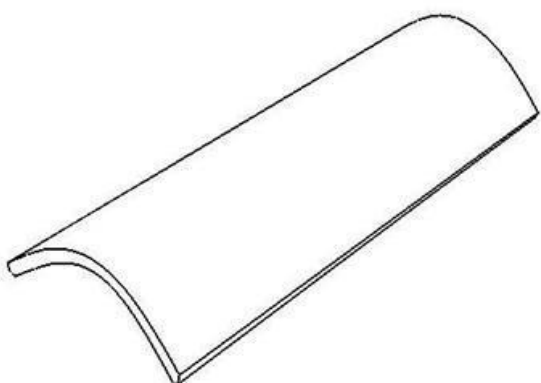
**AENOR**

Asociación Española de Normalización y Certificación

Génova, 6. 28004 Madrid. España  
Tel. 902 102 201 – www.aenor.es

## AENOR TRADE MARK FOR CLAY ROOFING TILES AND FITTINGS

### TECHNICAL FORM N°: 0240215

MANUFACTURER: <b>TEJAS BORJA, S.A.U</b>				<b>AENOR</b>  Producto Certificado						
MADE IN: <b>LLIRIA (VALENCIA)</b>										
TILE DESCRIPTION: <b>OVER AND UNDER CLAY ROOF TILE EN 1304</b>										
BRAND NAME: <b>TEJA CURVA 45x20</b>										
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	450								
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				
	200	160								
Impermeability										
Category 1	X	Test method 1	X							
Category 2		Test method 2								
Frost resistance				Camber/Twist (%)	L > 300 mm	≤ 1,5				
Level 1 (n° cycles without damages ≥ 150)			X							
Level 2 (n° cycles without damages ≥ 90)				L ≤ 300 mm		≤ 2,0				
OPTIONAL CHARACTERISTICS ANNEX D RP 34 02				Impermeability (cm <sup>3</sup> /cm <sup>2</sup> x d)	EN 539-1	≤ 0,5				
	YES	NO								
Impermeability (D.2 RP 34.02)			X							
Frost Resistance (D.3 RP 34.02)			X							
TILE SKETCH										
				Flexural strenght (N)	EN 538	≥ 1000				
				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 <sup>(1)</sup>						
				Unitary mass (in grams):				1950		
				Roof tiles number in m <sup>2</sup> (with one decimal):				25		
				Length distance between battens (cm):						
				Surface finish: <b>Red, Moss red</b>						
Mass coloration:										
Fixing types: <b>Nail</b>										
Further information: <b>Assembly according to UNE 136020</b>										
Accessories:										
Circular 3 ways, Cover + 3 ways, Circular 4 ways, Cover + 4 ways, Universal eave closure, Circular ridge, Cover + ridge, Universal under ridge, Circular hip starter, Cover + hip starter, Universal angular edge, Universal straight edge, Universal circular curved end cap, Universal cover + curved end cap, Universal circular straight end cap, Cover + universal straight end cap, Universal ventilation cap, 45x20 ventilation roof tile, Universal curved edges										

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