

# Certificado AENOR de Producto

## Materiales de arcilla cocida para construcción



034/001016

AENOR, Asociación Española de Normalización y Certificación, certifica que la organización

### TEJAS BORJA, S.A.

con domicilio social en: CR LLIRIA A PEDRALBA KM 3 46160 LLIRIA (Valencia - ESPAÑA)

suministra: Tejas y piezas auxiliares de arcilla cocida

elaboradas en: CR LLIRIA A PEDRALBA KM 3 46160 LLIRIA (Valencia - ESPAÑA)

conformes con: UNE-EN 1304:2006 (EN 1304:2005)

Nº Ficha Técnica: 0240203 (ver anexo)

Sistema de certificación: Este certificado se ha concedido de acuerdo con lo establecido en el Reglamento Particular de Certificación de AENOR RP 34.02

Fecha de emisión: 2009-06-30

Fecha de expiración: 2014-06-30

**AENOR** Asociación Española de Normalización y Certificación

El Director General de AENOR


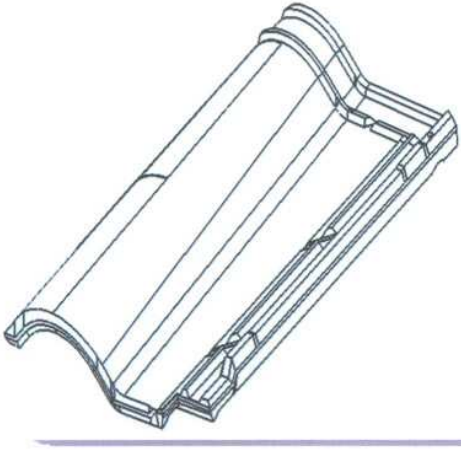
**AENOR**

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°: 0240203

MANUFACTURER:	<b>TEJAS BORJA, S.A.</b>			<b>AENOR</b>  Producto Certificado		
MADE IN:	<b>LLIRIA (Valencia)- SPAIN</b>					
TILE DESCRIPTION:	<b>CLAY ROOF TILE WITH SIDELOCK AND HEADLOCK EN 1304</b>					
BRAND NAME:	<b>RED TB-12, CENTENARIA, BROWN</b>					
STATED CHARACTERISTICS		VALUES RULES FROM AENOR				
REQUIRED		Structural faults (% faults)	EN 1304	≤ 2,5		
Nominal dimensions (mm)						
	Length	Width				
Individuals	<input checked="" type="checkbox"/>	<b>439</b>	<b>260</b>			
Overlap						
Over and Under Tiles		Length tolerance (%)	EN 1024	± 2,0		
	Maximum width				Minimum width	
	-	-				
Impermeability		Width tolerance (%) (not applicable in Over and Under)	EN 1024	± 2,0		
Category 1	<input checked="" type="checkbox"/>				Test method 1	<input checked="" type="checkbox"/>
Category 2		Test method 2				
Frost resistance		Uniformity of the transverse profile (mm) (Only for Over and Under Tiles)	EN 1024	≤ 15		
Method C	<input checked="" type="checkbox"/>				Method E	
OPTIONAL		Camber/Twist (%)	EN 1024	≤ 1,5		
	YES				NO	
Mountain climate		<input checked="" type="checkbox"/>				
Impermeability (alternative method)		<input checked="" type="checkbox"/>				
Water repellent treatment		<input checked="" type="checkbox"/>				
TILE SKETCH		Camber/Twist (%)	EN 1024	≤ 2,0		
					L > 300 mm	
		L ≤ 300 mm				
		Impermeability (cm <sup>3</sup> /cm <sup>2</sup> /day)	Mean value	EN 539-1	≤ 0,5	
			Individual value		≤ 0,6	
		Impermeability (cm <sup>3</sup> /cm <sup>2</sup> /day)	Mean value	D.2 RP 34.02	NO APLICA	
			Individual value		NO APLICA	
		Flexural strenght (N)		EN 538	≥ 1200	
		Frost resistance (cycles)		EN 539-2 (Method C)	≥ 50	
				EN 539-2 (Method E)	N/A	
				D.3 RP 34.02	N/A	
Fire reaction performance		13501-1	A1			
External fire performance		EN 13501-5	Broof			
Additional information given by the manufacturer <sup>[1]</sup>						
Unitary mass (in grams):		<b>3150</b>				
Roof tiles number in m <sup>2</sup> (with one decimal):		<b>12,5</b>				
Length distance between battens (cm):		<b>38</b>				
Surface finish:		<b>RED TB-12, OLD-LOOKING, ROSARENA, VILAVELLA, PANORAMIA GRAY, CENTENARIA SAND, VILLA LAMALOU, VILLA BIDASOA, VILLA MANURY</b>				
Fixing types:		<b>Nail and tie</b>				
Other information:		<b>Assembly according to UNE 136020</b>				
<b>Accesories:</b> Circular Ridge, End Circular Ridge, Curve End Cap, End Cap, Three way ridge, Four way ridge, 2 way ridge, Curved ridge "cover+", End Curved ridge "cover+", End cap "cover+", Curved end cap "cover+", 2 way ridge "cover+", 3 way curved ridge "cover+", 4 way curved ridge "cover+", TB-12 with under ridge, TC 25 x 12, Double roof tile for right edge TB-12, Double roof tile for right edge TB-12 with under ridge, 2/3 roof tile TB-12, 2/3 roof tile TB-12 with under ridge, TB-12 Birds barrier, Bottom Decocurva TB-12, Top Decocurva TB-12, Under ridge, Curved edges, Curved edges TB-12, Straight edges, Angular edge, Bardelis edge, Half roof tile, Double roof tile 2/3 for right edge TB-12 with under ridge, Corner for Decocurva, Ventilation roof tile, Carrier for chimney TB-12, Chimney TB-12, Ventilation Cap, Decorative pieces.						

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

# AENOR

Asociación Española de  
Normalización y Certificación

Issued on: 2009-06-30

Cancel and supersedes the form dated 2008-12-02