

AENOR Product Certificate

Clay products for construction



034/001705

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	0240221 (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 034/001705, dated 2015-01-16

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


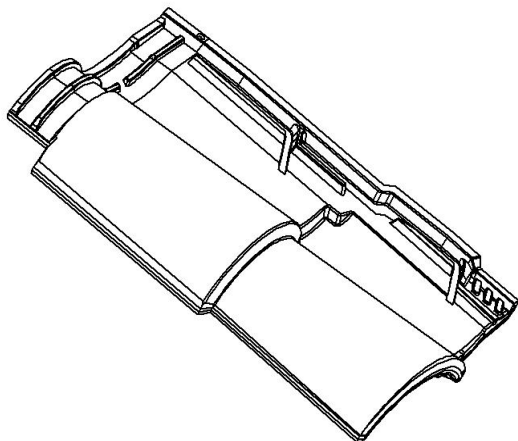

AENOR Asociación Española de Normalización y Certificación
Avelino BRITO
Chief Executive Officer

AENOR Asociación Española de Normalización y Certificación

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AENOR TRADE MARK FOR CLAY ROOFING TILES AND FITTINGS

TECHNICAL FORM N°: 0240221

MANUFACTURER:	TEJAS BORJA, S.A.U			 AENOR Producto Certificado		
MADE IN:	LLIRIA (VALENCIA)					
TILE DESCRIPTION:	CLAY ROOF TILE WITH SIDELock AND HEADLOCK EN 1304					
BRAND NAME:	TB-4 Quattro®					
STATED CHARACTERISTICS				VALUES RULES FROM AENOR		
REQUIRED				Structural faults (% faults)	EN 1304	≤ 2,5
Nominal dimensions (mm)						
		Length	Width	Length tolerance (%)	EN 1024	± 2,0
Individuals	X	442	258			
Overlap				Width tolerance (%) (not applicable in Over and Under tiles)	EN 1024	± 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 (%)	EN 539-1	≤ 1,5
Category 1	X	Test method 1	X			
Category 2		Test method 2		L > 300 mm	EN 539-1	≤ 0,5
Frost resistance						
Level 1 (n° cycles without damages ≥ 150)			X	L ≤ 300 mm	D.2 RP 34.02	N/A
Level 2 (n° cycles without damages ≥ 90)						
OPTIONAL CHARACTERISTICS ANNEX D RP 34 02				Impermeability (cm ³ /cm ² x d)	D.2 RP 34.02	N/A
		YES	NO			
Impermeability (D.2 RP 34.02)			X	Flexural strenght (N)	EN 538	≥ 1200
Frost Resistance (D.3 RP 34.02)			X			
TILE SKETCH				Frost resistance (cycles)	EN 539-2	≥ 150
						
				Piece without water repellent treatment		
Accessories:				External fire performance	EN 13501-5	Broof
Circular 3 ways, Cover + 3 ways, Circular 4 ways, Cover + 4 ways, Universal eave closure, Circular ridge, Cover + ridge, D.130 universal chimney, Universal under ridge, Tb-4 pan decocurva roof tile, Circular hip starter, Cover + hip starter, Tb-4 curved edges, Universal angular edge, Universal straight edge, Half tb-4 roof tile/tb-4 cover decocurva roof tile, Universal circular curved end cap, Universal cover + curved end cap, Universal circular straight end cap, Cover + universal straight end cap, Universal ventilation cap, One half tb-4 cover decocurva roof tile, One half tb-4 roof tile, Tb-4 ventilation roof tile						
				Unitary mass (in grams): 3400		
				Roof tiles number in m ² (with one decimal): 12,8		
				Length distance between battens (cm): 37		
				Surface finish: Red, Fosca, Vilattera		
				Mass coloration:		
				Fixing types: Nail		
				Further information: Assembly according to UNE 136020		

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