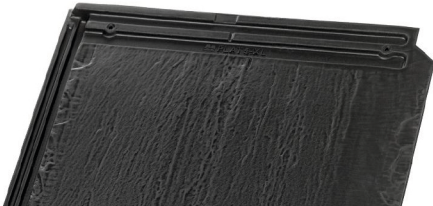


AENOR MARK FOR CLAY ROOFING TILES AND FITTINGS
TECHNICAL FORM Nº: 0240232

MANUFACTURER	TEJAS BORJA S.A.U. LLIRIA (VALENCIA) PLAIN CLAY ROOF TILE WITH SIDELOCK AND HEADLOCK EN 1304 FLAT-5XL	AENOR  Certified Product
MADE IN:		
TILE DESCRIPTION:		
BRAND NAME:		

PRODUCT TECHNICAL CHARACTERISTICS

MANUFACTURER GUARANTEED VALUES				AENOR REQUIRED VALUES
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REQUIRED				Structural characteristics (% faults)		ISO 2859-1	LCA 2,5 (I)	LCA 2,5 (I)	
Nominal dimensions (mm)									
Individuals		X	Length 457	Width 510	Length tolerance (%)	EN 1024	± 2,0	± 2,0	
Overlap							± 2,0	± 2,0	
Over and Under Tiles					Width tolerance (%)		N/A	N/A	
	Maximum width		Minimum width		(not applicable in Over and Under				
Impermeability					Uniformity of the transverse profile (mm) (Only for Over and Under Tiles)		N/A	N/A	
Category 1		X	Test method 1	X					
Category 2			Test method 2						
Frost resistance					Camber/Twist (%)		≤ 1,5	≤ 1,5	
Level 1 (n° cycles without damages ≥ 150)			X						
Level 2 (n° cycles without damages ≥ 90)									
OPTIONAL CHARACTERISTICS ANNEX D RP 34 02					Impermeability (cm3/cm2 * d)	EN 539-1	≤ 0,5	≤ 0,5	
			YES	NO			≤ 0,6	≤ 0,6	
Impermeability (D.2 RP 34.02)			X			D.2 RP 34.02	≤ 0,3	≤ 0,3	
Frost Resistance (D.3 RP 34.02)			X				≤ 0,4	≤ 0,4	
TILE SKETCH					Flexural strenght (N)	EN 538	≥ 900	≥ 900	
					Frost resistance (cycles)	EN 539-2	≥ 150	≥ 150	
						D.3 RP 34.02	≥ 100	≥ 100	
					Fire reaction performance		EN 13501-1	A1	A1
					External fire performance		EN 13501-5	Broof (t1/t2/t3)	Broof (t1/t2/t3)

Additional information given by the manufacturer ⁽¹⁾

Unitary mass (in grams):	6550
Roof tiles number in m ² (with one decimal):	5,48
Length distance between battens (cm):	VARIABLE 34-38,5
Surface finish:	PLAIN COLOUR, León Matte BORJAJET, SLATE, Nepal Orange, Paris Ocre, Irish Green, COTTO, Ibiza Pink, CEMENT, Sidney Graphite, STONE, Austin Grey, Denver Gold, Denver Iris, OXID, Tokyo Copper, MARBLE, Roma Dark
Mass coloration:	BROWN
Fixing types:	NAILED, FOAM, POLYMERS, ACCORDING TO LAYING REGULATIONS
Further information:	Assembly following the specifications of the manufacturer or placement rules of each place fulfilling the most restrictive.

Accessories:
Angular Ridge, Angular Hip Starter, Angular 3 Ways, Angular 4 Ways, Straight End Cap 100° Ridge, 100° Hip Starter, 100° End Cap, 100° 3 Ways, 100° 4 Ways, Chimney Carrier FLAT-5XL d.140, Chimney d.140, Ventilation Cap, Straight Edges Flat (Left/Right), Universal Angular Edge, Interlocking Edges Right, Interlocking Edges FLAT-5XL Left, Half FLAT-5XL, Ventilation FLAT-5XL, Decorative Piece A Ball, Decorative Piece B Acorn, Decorative Piece C Pine Cone, Decorative Piece D Lollipop, Decorative Piece E Galician Lollipop, Decorative Piece F Tulip, Decorative Piece G Tower, Decorative Piece H Pigeon, Red Bretagna 1 Ridge, Brown Bretagna 1 Ridge, Red Bretagna 2 Ridge, Brown Bretagna 2 Ridge, Bretagna 2 Ridge, Bretagna 2 Hip Starter, Bretagna 2 Straight End Cap, SOLAR FLAT 5 XL

⁽¹⁾ This information is out of the AENOR Mark and ENAC accreditation scopes. AENOR is not responsible for the information in this square