


AENOR MARK FOR CLAY ROOFING TILES AND FITTINGS
TECHNICAL FORM Nº: 0240231

MANUFACTURER	TEJAS BORJA S.A.U. LLIRIA (VALENCIA) CLAY ROOF TILE WITH SIDELOCK AND HEADLOCK EN 1304 TB-10 Tech	<div>AENOR</div> <div></div> <div>Certified Product</div>
MADE IN:		
TILE DESCRIPTION:		
BRAND NAME:		

PRODUCT TECHNICAL CHARACTERISTICS

MANUFACTURER GUARANTEED VALUES

AENOR
REQUIRED
VALUES

REQUIRED				Structural characteristics (% faults)	ISO 2859-1	LCA 2,5 (I)	LCA 2,5 (I)			
Nominal dimensions (mm)										
Individuals		X	Length 475	Width 282	Length tolerance (%))	EN 1024	± 2,0	± 2,0		
Overlap							± 2,0	± 2,0		
Over and Under Tiles				Width tolerance (%)) (not applicable in Over and Under	N/A		N/A			
	Maximum width		Minimum width							
	-		-		Camber/Twist (%)		≤ 1,5	≤ 1,5		
Impermeability										
Category 1		X	Test method 1	X						
Category 2			Test method 2		EN 539-1	≤ 0,5	≤ 0,5			
Frost resistance										
Level 1 (n° cycles without damages ≥ 150)			X			Individual Value	≤ 0,6	≤ 0,6		
Level 2 (n° cycles without damages ≥ 90)										
OPTIONAL CHARACTERISTICS ANNEX D RP 34 02				Impermeability (cm3/cm2 * d)	D.2 RP 34.02	≤ 0,3	≤ 0,3			
		YES	NO					Individual Value	≤ 0,4	≤ 0,4
Impermeability (D.2 RP 34.02)		X								
Frost Resistance (D.3 RP 34.02)		X								
TILE SKETCH				Flexural strenght (N)		EN 538	≥ 1200	≥ 1200		
				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):				3450						
Roof tiles number in m ² (with one decimal):				10,3						
Length distance between battens (cm):				39,5 - 41						
Surface finish:				NATURE, Red, Moss Red, Fosca, Manoir, Edetania, Lamalou, PLAIN COLOUR, Chocolate, Graphite, CENTENARIA, Ground, Sand, BORJAJET, Entrepins, Irati, BORJADECOR, Green, Cobalt Blue, Mocca						
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:										
Piece without water repellent treatment										

Piece without water repellent treatment

Accessories:

Circular Ridge, Circular Sense Changement, Circular Hip Starter, Circular 3 Ways, Circular 4 Ways, Circular Straight End Cap, Circular Curved End Cap, Cover+ Ridge, Cover+ Hip Starter, Cover+ 3 Ways, Cover+ 4 Ways, Cover+ Straight End Cap, Cover+ Curved End Cap, Under Ridge, Straight Edge (Left/Right), Curved Edge (Left/Right), Universal Angular Edge, Half TB-10 Tech, Tile and a Half TB-10 Tech, Ventilation TB-10 Tech, Chimney Carrier TB-10 Tech d.140, Chimney d.140, Ventilation Cap, Eave Closure, 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.

Construction details where the material named in this technical form have been placed:
(For the final qualification, this technical form shall be stamped and signed by the manufacturer)

Stamp and signature:

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