



## AENOR Product Certificate



034/001909

AENOR certifies that the organization

### **BMI ROOFING SYSTEMS, S.L.U.**

registered office CR VILLALUENGA A COBEJA, KM 3,5 45520 VILLALUENGA DE LA SAGRA  
(Toledo - España)

supplies **Clay roofing tiles and fittings**

in compliance with UNE-EN 1304:2020 (EN 1304:2013)

Nº Technical Form 2050209 (see annex)

Production site Polígono Industrial EL MURGÓN III FASE CL TONELEROS, 2 02640  
ALMANSA (Albacete - España)

Certification scheme This Certificate has been granted in accordance with the stipulations of  
AENOR Specific Rules RP 034.02

This certificate supersedes 034/001909, dated 2023-04-06

First issued on 2015-02-27  
Modified on 2024-05-21  
Validity 2029-05-21

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## AENOR MARK FOR CLAY ROOFING TILES AND FITTINGS

### TECHNICAL FORM N°: 2050209



MANUFACTURER	BMI ROOFING SYSTEMS, S.L.U.		
MADE IN:	ALMANSA (ALBACETE)		
TILE DESCRIPTION:	CLAY ROOF TILE WITH SIDELOCK AND HEADLOCK EN 1304		
BRAND NAME:	KLINKER MERIDIONAL		

#### PRODUCT TECHNICAL CHARACTERISTICS

MANUFACTURER GUARANTEED VALUES				AENOR REQUIRED VALUES
REQUIRED				

Nominal dimensions (mm)				Structural characteristics (% faults)	ISO 2859-1	LCA 2,5 (I)	LCA 2,5 (I)
Length	Width	Individuals	Overlap				
424	261	X		Length tolerance (%)	EN 1024	± 2,0	± 2,0
Over and Under Tiles							
Maximum width		Minimum width		Width tolerance (%) (not applicable in Over and Under tiles)	EN 1024	± 2,0	± 2,0
-		-					
Impermeability				Uniformity of the transverse profile (mm) (Only for Over and Under Tiles)	EN 1024	N/A	N/A
Category 1	X	Test method 1					
Category 2		Test method 2	X				
Frost resistance				Camber/Twist (%)	EN 1024	≤ 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				Mean Value	EN 539-1	≤ 0,8	≤ 0,8
	YES	NO					
Impermeability (D.2 RP 34.02)	X			Individual Value	EN 539-1	≤ 0,85	≤ 0,85
Frost Resistance (D.3 RP 34.02)	X			Mean Value	D.2 RP 34.02	≤ 0,3	≤ 0,3
				Individual Value	D.2 RP 34.02	≤ 0,4	≤ 0,4

TILE SKETCH				Flexural strenght (N)	EN 538	≥ 1200	≥ 1200
				D.3 RP 34.02	≥ 100	≥ 100	
Fire reaction performance				EN 13501-1	A1	A1	A1
External fire performance				EN 13501-5	Broof (t1/t2/t3)	Broof (t1/t2/t3)	Broof (t1/t2/t3)

Additional information given by the manufacturer <sup>(1)</sup>	
Unitary mass (in grams):	3150
Roof tiles number in m <sup>2</sup> (with one decimal):	12,5
Length distance between battens (cm):	36,5
Surface finish:	See last edition of producer's catalogue
Mass coloration:	Red/Brown
Fixing types:	Nail fixing, hook (batten), mortar, etc.
Further information:	Installation recommended: Guidance of design & execution of roofs with clay roofing tiles. Available in <a href="http://www.tejascobert.com">www.tejascobert.com</a>

**Accessories:** Ridge, Wedge, Right rake verge, Left rake verge, Universal verge, Through tile & ornamental piece, Junction 3 way ridge, Ventilation tile, Double tile, 1/2 tile.

Stamp and signature:  
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)

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