

AENOR

AENOR Product Certificate Clay products for construction



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 1304:2014 (EN 1304:2013)

Nº Technical Form 2050209 (see annex)

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

Certification scheme This Certificate has been granted in accordance with the stipulations of the
Specific Rules RP 34.02

This certificate supersedes 034/001909, dated 2017-11-20

First issued on 2015-02-27

Modified on 2018-04-06

Validity date 2023-04-06

Rafael GARCÍA MEIRO
Chief Executive Officer

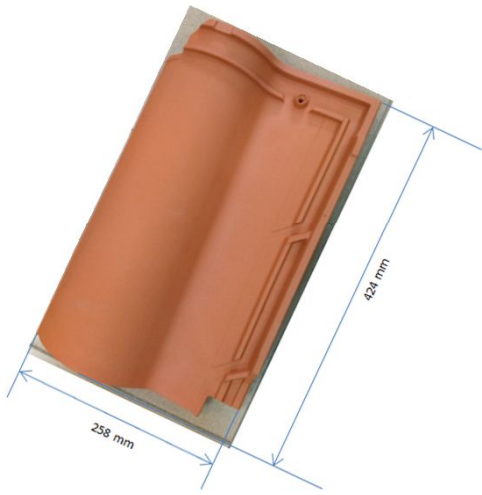
Original Electronic Certificate

AENOR INTERNACIONAL S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com

Product certification body accredited by ENAC, number 01/C-PR271

AENOR MARK FOR CLAY ROOFING TILES AND FITTINGS

TECHNICAL FORM N°: 2050209

Stamp and signature:	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	X	424	258	EN 1024			± 2,0	± 2,0			
Overlap							± 2,0	± 2,0			
Over and Under Tiles				Width tolerance (%)							
		Maximum width	Minimum width	(not applicable in Over and Under)							
		-	-	EN 1024			N/A	N/A			
Impermeability							Uniformity of the transverse profile (mm)				
		Test method 1					(Only for Over and Under Tiles)				
		Category 1	X			Test method 2	X				
		Category 2									
Frost resistance				Camber/Twist (%)							
Level 1 (n° cycles without damages ≥ 150)			X				≤ 1,5	≤ 1,5			
Level 2 (n° cycles without damages ≥ 90)											
OPTIONAL CHARACTERISTICS ANNEX D RP 34 02											
		YES	NO	EN 539-1			≤ 0,8	≤ 0,8			
		X					Mean Value	≤ 0,85	≤ 0,85		
		X					Individual Value	≤ 0,3	≤ 0,3		
		X					Mean Value	≤ 0,4	≤ 0,4		
				Individual Value	D.2 RP 34.02						
TILE SKETCH						Flexural strenght (N)			EN 538	≥ 1200	≥ 1200
						Frost resistance (cycles)			EN 539-2	≥ 150	≥ 150
									D.3 RP 34.02	≥ 100	≥ 100
<p style="text-align: center;">Piece without water repellent treatment</p>						Fire reaction performance			EN 13501-1	A1	A1
									EN 13501-5	Broof	Broof
Accessories:						Additional information given by the manufacturer ⁽¹⁾					
						Unitary mass (in grams):			3150		
						Roof tiles number in m ² (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 www.tejascobert.com		
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.											

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