

AENOR

AENOR Product Certificate Clay products for construction



034/001942

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 2050212 (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 034/001942, dated 2017-11-20

First issued on 2017-04-05

Modified on 2018-04-06

Validity date 2023-04-06

Rafael GARCÍA MEIRO
Chief Executive Officer

Original Electronic Certificate

AENOR INTERNACIONAL S.A.U.
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Product certification body accredited by ENAC, number 01/C-PR271

AENOR MARK FOR CLAY ROOFING TILES AND FITTINGS

TECHNICAL FORM N°: 2050212

Stamp and signature:	MANUFACTURER	BMI ROOFING SYSTEMS, S.L.U.								
	MADE IN:	ALMANSA (ALBACETE)								
	TILE DESCRIPTION:	PLAIN CLAY ROOF TILE WITH SIDELOCK AND HEADLOCK EN 1304								
	BRAND NAME:	KLINKER VIRTUS								
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		Length tolerance (%)	± 2,0	± 2,0			
Individuals	X	458	258	Width tolerance (%)	± 2,0	± 2,0				
Overlap				(not applicable in Over and Under)						
Over and Under Tiles				Uniformity of the transverse profile (mm) (Only for Over and Under Tiles)	EN 1024	N/A	N/A			
		Maximum width	Minimum width							
Impermeability				Camber/Twist (%)						
Category 1		X	Test method 1							
Category 2			Test method 2		X					
Frost resistance				Impermeability						
Level 1 (n° cycles without damages ≥ 150)								X		
Level 2 (n° cycles without damages ≥ 90)										
OPTIONAL CHARACTERISTICS ANNEX D RP 34 02				Flexural strenght (N)						
		YES	NO							
Impermeability (D.2 RP 34.02)		X								
Frost Resistance (D.3 RP 34.02)		X								
TILE SKETCH				Frost resistance (cycles)						
								EN 538		
Piece without water repellent treatment				EN 539-2				≥ 150	≥ 150	
				D.3 RP 34.02				≥ 100	≥ 100	
Accessories: Angle verge, Triangular ridge, Triangular Junction 3 way ridge, Triangular Junction 4 way ridge, Triangular ridge end cap, Triangular hip end, Half tile, Ventilation tile, Through tile & ornamental piece				EN 13501-1				A1	A1	
				EN 13501-5				Broof	Broof	
Additional information given by the manufacturer⁽¹⁾										
Unitary mass (in grams):				3500						
Roof tiles number in m ² (with one decimal):				11,5						
Length distance between battens (cm):				39,5						
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								

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