

# AENOR

## AENOR Product Certificate Clay products for construction



**034/001095**

AENOR certifies that the organization

### **HERMANOS DIAZ REDONDO, S.A.**

registered office CM DE LA BARCA, S/N 45291 COBEJA (Toledo - España)

supplies Clay roofing tiles and fittings

in compliance with UNE-EN 1304:2014 (EN 1304:2013)

Nº Technical Form 0160201 (see annex)

Production site CM DE LA BARCA, S/N 45291 COBEJA (Toledo - España)

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

This certificate supersedes 034/001095, dated 2017-08-21

First issued on 2009-07-10


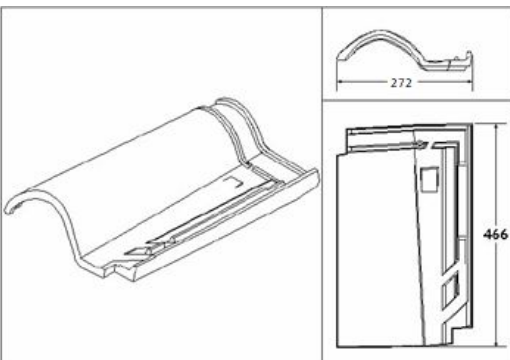
Modified on 2019-03-04

Validity date 2024-03-04

A handwritten signature in blue ink, appearing to read 'Rafael García Meiro'.

Rafael GARCÍA MEIRO  
Chief Executive Officer

## AENOR MARK FOR CLAY ROOFING TILES AND FITTINGS TECHNICAL FORM N°: 0160201

Stamp and signature:	MANUFACTURER	HERMANOS DÍAZ REDONDO, S.A.			AENOR  Certified Product				
	MADE IN:	COBEJA							
	TILE DESCRIPTION:	CLAY ROOF TILE WITH SIDELOCK AND HEADLOCK EN 1304							
	BRAND NAME:	MIXED RED / MIXED BROWN							
<b>PRODUCT TECHNICAL CHARACTERISTICS</b>									
<b>MANUFACTURER GUARANTEED VALUES</b>					<b>AENOR REQUIRED VALUES</b>				
<b>REQUIRED</b>									
<b>Nominal dimensions (mm)</b>				Structural characteristics (% faults)	ISO 2859-1	LCA 2,5 (I)	LCA 2,5 (I)		
		Length	Width						
Individuals	X	466	272	Length tolerance (%)					
<b>Over and Under Tiles</b>				Width tolerance (%)					
		Maximum width	Minimum width	(not applicable in Over and Under)					
<b>Impermeability</b>				Uniformity of the transverse profile (mm) (Only for Over and Under Tiles)	EN 1024				
Category 1	X	Test method 1	X					N/A	
Category 2		Test method 2		N/A					
<b>Frost resistance</b>							Camber/Twist (%)	EN 539-1	
Level 1 (n° cycles without damages ≥ 150)		X		≤ 1,5					
Level 2 (n° cycles without damages ≥ 90)							≤ 1,5		
<b>OPTIONAL CHARACTERISTICS ANNEX D RP 34 02</b>									
		YES	NO	Impermeability (cm <sup>3</sup> /cm <sup>2</sup> * d)	Mean Value	EN 539-1			
<b>Impermeability (D.2 RP 34.02)</b>			X		Individual Value			≤ 0,5	
<b>Frost Resistance (D.3 RP 34.02)</b>			X	Mean Value	D.2 RP 34.02				
<b>TILE SKETCH</b>				Individual Value			N/A		
				Flexural strenght (N)	EN 538				≥ 1200
				<p style="text-align: center;">Piece without water repellent treatment</p>				Frost resistance (cycles)	EN 539-2
<p style="text-align: center;">Accessories:</p> <p style="font-size: small;">Common ridge, ridge double end connection, end ridge or hip rafter, three way apex, pediment or shield, wedge, lateral under right tile, lateral under left tile, lateral finial on tile, lantern, chimney, mixed ventilator, double support mixed chimney tile, under ridge transversal half mixed tile, bird - preventer.</p>								D.3 RP 34.02	
				<p style="text-align: center;">Additional information given by the manufacturer <sup>(1)</sup></p>				Fire reaction performance	
Unitary mass (in grams):		3800						External fire performance	
Roof tiles number in m <sup>2</sup> (with one decimal):		11,5		Surface finish: See last edition of producer's catalogue					
Length distance between battens (cm):		38,7		Mass coloration: Red / Brown					
Further information:				Cover width: 389 mm.. Gauge: 218 mm.					

<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

Water repellent treatment if is requested

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