

# AENOR

## AENOR Product Certificate Clay products for construction



**034/001864**

AENOR certifies that the organization

### **CT - COBERT TELHAS, S.A.**

registered office	EN 361-1 OUTEIRO DA CABEÇA 2565-594 TORRES VENDRAS (Portugal)
supplies	Clay roofing tiles and fittings
in compliance with	UNE-EN 1304:2014 (EN 1304:2013)
Nº Technical Form	1910208 (see annex)
Production site	EN 361-1 OUTEIRO DA CABEÇA . . (2565-594 Outeiro De Cabeça - Portugal)
Certification scheme	This Certificate has been granted in accordance with the stipulations of the Specific Rules RP 034.02
	This certificate supersedes 034/001864, dated 2017-11-20
First issued on	2014-01-31
Modified on	2019-05-27
Validity date	2024-05-27

Rafael GARCÍA MEIRO  
Chief Executive Officer


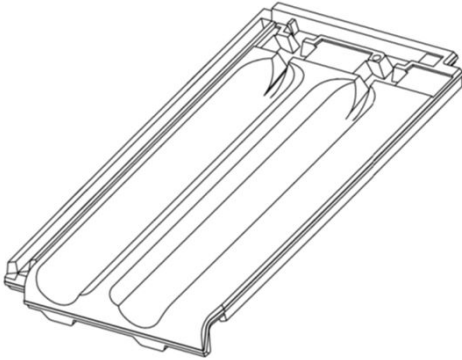
Original Electronic Certificate

**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°: 1910208

Stamp and signature:	MANUFACTURER	CT - COBERT TELHAS, S.A.			<b>AENOR</b>  Certified Product								
	MADE IN:	Outeiro da Cabeça - T Vedras (Portugal)											
	TILE DESCRIPTION:	PLAIN CLAY ROOF TILE WITH INTERLOCKING DEVICE EN 1304											
	BRAND NAME:	TEJA LÓGICA MARSELHA (ENGOBE COBERTUTA TOTAL)											
<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	453	260	Length tolerance (%)	EN 1024	± 2,0	± 2,0						
Overlap													
<b>Over and Under Tiles</b>				Width tolerance (%) (not applicable in Over and Under)	EN 1024	± 2,0	± 2,0						
		Maximum width	Minimum width										
<b>Impermeability</b>				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										
<b>Frost resistance</b>				Camber/Twist (%)	EN 539-1	≤ 1,5	≤ 1,5						
Level 1 (n° cycles without damages ≥ 150)		X											
Level 2 (n° cycles without damages ≥ 90)													
<b>OPTIONAL CHARACTERISTICS ANNEX D RP 34 02</b>													
				YES	NO	Impermeability	EN 539-1	≤ 0,8	≤ 0,8				
Impermeability (D.2 RP 34.02)					X					Mean Value	D.2 RP 34.02	N/A	N/A
Frost Resistance (D.3 RP 34.02)					X					Individual Value			
<b>TILE SKETCH</b>				Mean Value		Individual Value							
				Flexural strenght (N)		EN 538	≥ 900	≥ 900					
				Frost resistance (cycles)		EN 539-2	≥ 150	≥ 150					
						D.3 RP 34.02	N/A	N/A					
				Fire reaction performance		EN 13501-1	A1	A1					
				External fire performance		EN 13501-5	Broof	Broof					
				<b>Additional information given by the manufacturer <sup>(1)</sup></b>									
Unitary mass (in grams):				3550									
Roof tiles number in m <sup>2</sup> (with one decimal):				11,5									
Length distance between battens (cm):				38,5									
Surface finish:		Engobes. See last edition of producer's catalogue											
Mass coloration:		Red, Brown											
Fixing types:		Nail fixing, hook (batten), mortar, etc.											
Further information:		To be laid straight bond or broken bond. Installation recommended: Guidance of design & execution of roofs with clay roofing tiles. Available in <a href="http://www.tejascobert.com">www.tejascobert.com</a>											
<b>Accessories:</b>													
Ridge, Junction 3 way ridge H, Junction 3 way ridge M/H, Junction 4 way ridge, Hip end, Angle verge, Half tile, Double tile, Ventilation tile, Ventilation tile with step, Ventilation tile without step, Eaves tile, Eaves fitting for valleys, Eaves fitting for hips, Corner eaves fitting, Through tile & chimney, Chimney.													

<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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