

# AENOR

## AENOR Product Certificate Clay products for construction



**034/001693**

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	1910204 (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 034/001693, dated 2017-11-20
First issued on	2010-06-30
Modified on	2019-05-27
Validity date	2024-05-27


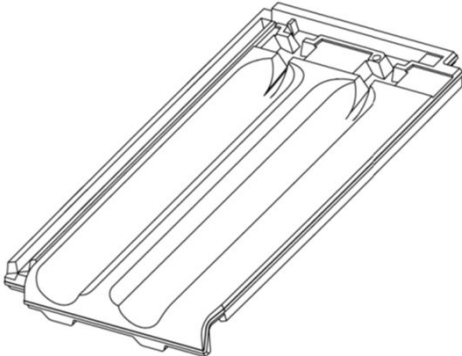
Rafael GARCÍA MEIRO  
Chief Executive Officer

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°: 1910204

Stamp and signature:	MANUFACTURER	CT - COBERT TELHAS, S.A.			AENOR  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 (NATURAL)										
<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	459	264	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						± 2,0	± 2,0			
Category 2		Test method 2	X									
<b>Frost resistance</b>				Camber/Twist (%)								
Level 1 (n° cycles without damages ≥ 150)		X						± 2,0	± 2,0			
Level 2 (n° cycles without damages ≥ 90)								± 2,0	± 2,0			
<b>OPTIONAL CHARACTERISTICS ANNEX D RP 34 02</b>												
				YES	NO							
<b>Impermeability (D.2 RP 34.02)</b>					X							
<b>Frost Resistance (D.3 RP 34.02)</b>					X							
<b>TILE SKETCH</b>												
						Impermeability	Mean Value	EN 539-1	≤ 0,8	≤ 0,8		
							Individual Value				≤ 0,85	≤ 0,85
							Mean Value	D.2 RP 34.02			N/A	N/A
							Individual Value				N/A	N/A
						<b>Flexural strenght (N)</b>				EN 538	≥ 900	≥ 900
						<b>Frost resistance (cycles)</b>				EN 539-2	≥ 150	≥ 150
										D.3 RP 34.02	N/A	N/A
						<b>Fire reaction performance</b>				EN 13501-1	A1	A1
						<b>External fire performance</b>				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):				39								
Surface finish:				Engobes. See last edition of producer's catalogue (Magma)								
Mass coloration:				Red								
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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