

AENOR



AENOR Product Certificate



034/001806

AENOR certifies that the organization

CS - COELHO DA SILVA, S.A.

registered office CL ALBERGARIA 2480 -071 JUNCAL (Leiria - Portugal)

supplies **Clay roofing tiles and fittings**

in compliance with UNE-EN 1304:2020 (EN 1304:2013)

Nº Technical Form 1890206 (see annex)

Production site CL ALBERGARIA 2480 -071 JUNCAL (Leiria - Portugal)

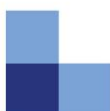
Certification scheme This Certificate has been granted in accordance with the stipulations of AENOR Specific Rules RP 034.02

First issued on 2012-04-02

Last issued on 2026-07-27

Validity 2031-07-27

Rafael GARCÍA MEIRO
CEO



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

R-DTC-076.05



Certificado

Certificado nº
Certificate no.

TEL-003/2025



Nome e morada do titular do certificado:
Name and address of certificate holder:

CS - Coelho da Silva, S.A.
Albergaria
2480-071 Juncal
Portugal

Nome e morada do fabricante:
Manufacturer's name and address:

CS - Coelho da Silva, S.A.
Albergaria
2480-071 Juncal
Portugal

Produto:
Product:

Telhas cerâmicas e acessórios
Clay roofing tiles and fittings

Referências:
Type references:

PLASMA
Ver anexo/See annex

Marca(s) comercial(is):
Trademark(s):

CS

Este produto está em conformidade com:
This product is in conformity with:

EN 1304:2013

Relatórios de ensaios nº(s) / emitidos por:
Test report(s) no. / issued by:

2080/19, 1180/20, 1184/20, 1366/21, 1382/23, 1389/23, 2895/24 e/and
3153/25/ CTCV-LEP

Informação adicional (se existir):
Additional information (if any):

Relatórios/Reports CERTIF n.º 19017, 20007, 20008, 21014, 23011,
23012, 24010 e/and 25011

Este certificado é válido até:
This certificate is valid until:

2029-03-07

e substitui o certificado nº:
and supersedes certificate no:

TEL-014/2024

Data de emissão:
Date of issue:

2025-06-30

Francisco Barroca
Diretor Geral / General Manager



Este Certificado é constituído por um Anexo com 1 (uma) página
This Certificate includes one Annex with 1 (one) page

Anexo ao Certificado nº
Annex to Certificate no.

TEL-003/2025

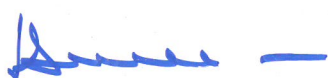


CARACTERÍSTICAS TÉCNICAS/TECHNICAL CHARACTERISTICS				
Formato Format	Telha de encaixe longitudinal e transversal Tile with sidelock and headlock			
Referências Type References	Plasma Vermelho Natural, Plasma Antiga, Plasma Branco Pérola, Plasma Natural Vidrado, Plasma Verde Cobre			
Cor da pasta Ceramic body colour	Vermelha Red			
Dimensões (mm) Dimensions (mm)	Impermeabilidade (Método 2) Impermeability (Method 2)	Resistência ao gelo (Método de ensaio único Europeu) Frost resistance (European single test method)	Comportamento ao fogo exterior¹ External fire performance	Reação ao fogo¹ Reaction to fire
487x251	Categoria 1 Category 1	Resistente - Nível 1 (≥ 150 ciclos) Resistant - Level 1 (≥ 150 cycles)	B _{roof}	A1
Acessórios Clay roofing fittings	Telhão Ridge tile			

Formato Format	Telha de encaixe longitudinal e transversal Tile with sidelock and headlock			
Referências Type References	Plasma Antracite, Plasma Castanha, Plasma Cinza Aço, Plasma Cinza Metalizado, Plasma TX5 Antracite, Plasma TX5 Ardósia			
Cor da pasta Ceramic body colour	Castanha Brown			
Dimensões (mm) Dimensions (mm)	Impermeabilidade (Método 2) Impermeability (Method 2)	Resistência ao gelo (Método de ensaio único Europeu) Frost resistance (European single test method)	Comportamento ao fogo exterior¹ External fire performance	Reação ao fogo¹ Reaction to fire
486x249	Categoria 1 Category 1	Resistente - Nível 1 (≥ 150 ciclos) Resistant - Level 1 (≥ 150 cycles)	B _{roof}	A1
Acessórios Clay roofing fittings	Telhão Ridge tile			

Observações Remarks	1. Classificada sem necessidade de ensaios / Classified without the need for testing Decisão da Comissão 96/603/EC / Commission Decision 96/603/EC			
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Data de emissão: 2025-06-30
Date of issue:



Francisco Barroca
Diretor Geral / General Manager





Certificado

Certificado nº
Certificate no.

TEL-004/2025



Nome e morada do titular do certificado:
Name and address of certificate holder:

CS - Coelho da Silva, S.A.
Albergaria
2480-071 Juncal
Portugal

Nome e morada do fabricante:
Manufacturer's name and address:

CS - Coelho da Silva, S.A.
Albergaria
2480-071 Juncal
Portugal

Produto:
Product:

Telhas cerâmicas e acessórios
Clay roofing tiles and fittings

Referências:
Type references:

TECNO
Ver anexo/See annex

Marca(s) comercial(is):
Trademark(s):

CS

Este produto está em conformidade com:
This product is in conformity with:

EN 1304:2013

Relatórios de ensaios nº(s) / emitidos por:
Test report(s) no. / issued by:

2329/18, 2086/19, 1373/21, 1374/21, 1465/22, 1381/23, 1387/23,
1389/23, 2891/24, 2898/24 a/to 2900/24, 3148/25, 3155/25 e/and
3156/25 / CTCV-LEP

Informação adicional (se existir):
Additional information (if any):

Relatórios/Reports CERTIF n.º 18017, 19018, 21015, 22006, 23011,
23012, 24010, 24011, 25011 e/and 25012

Este certificado é válido até:
This certificate is valid until:

2029-03-07

e substitui o certificado nº:
and supersedes certificate no:

TEL-020/2024

Data de emissão:
Date of issue:

2025-06-30

Francisco Barroca
Diretor Geral / General Manager



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Anexo ao Certificado nº
Annex to Certificate no.

TEL-004/2025



CARACTERÍSTICAS TÉCNICAS/TECHNICAL CHARACTERISTICS

Formato Format	Telha de encaixe longitudinal e transversal Tile with sidelock and headlock			
Referências Type References	Tecno Vermelho Natural, Tecno Vermelho, Tecno Vermelho Rústico, Tecno Castanho, Tecno Mel, Tecno Mediterrânico Rústico, Tecno Natural Rústico, Tecno Natural Vidrado, Tecno Titânio			
Cor da pasta Ceramic body colour	Vermelha Red			
Dimensões (mm) Dimensions (mm)	Impermeabilidade (Método 2) Impermeability (Method 2)	Resistência ao gelo (Método de ensaio único Europeu) Frost resistance (European single test method)	Comportamento ao fogo exterior² External fire performance	Reação ao fogo² Reaction to fire
461x257	Categoria 1 Category 1	Resistente - Nível 1 (≥ 150 ciclos) Resistant - Level 1 (≥ 150 cycles)	B _{roof}	A1
Acessórios Clay roofing fittings	Capa, bica, telhão e remate Eave over piece, eave under piece, ridge tile and under ridge wedge			

Formato Format	Telha de encaixe longitudinal e transversal Tile with sidelock and headlock			
Referências Type References	Tecno Branco Natural Hidrofugada ¹			
Cor da pasta Ceramic body colour	Branca White			
Dimensões (mm) Dimensions (mm)	Impermeabilidade (Método 2) Impermeability (Method 2)	Resistência ao gelo (Método de ensaio único Europeu) Frost resistance (European single test method)	Comportamento ao fogo exterior² External fire performance	Reação ao fogo² Reaction to fire
464x257	Categoria 1 Category 1	Resistente - Nível 1 (≥ 150 ciclos) Resistant - Level 1 (≥ 150 cycles)	B _{roof}	A1
Acessórios Clay roofing fittings	Capa, bica, telhão e remate Eave over piece, eave under piece, ridge tile and under ridge wedge			

Observações Remarks	1. Produtos com tratamento superficial hidrofugado / Products with superficial hydrophobic agent treatment 2. Classificada sem necessidade de ensaios / Classified without the need for testing Decisão da Comissão 96/603/EC / Commission Decision 96/603/EC
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Data de emissão: 2025-06-30
Date of issue:



Francisco Barroca
Diretor Geral / General Manager



Certificate

Standard **ISO 14001:2015**

Certificate Registr. N°. 1 02 08152

Certificate Holder: **CS - Coelho da Silva, S.A.**
Albergaria - Juncal
2480-071 Porto de Mós
Portugal

Scope: Design, production and commercialization of ceramic roof and façade tiles and accessories and commercialization of complements, cleaning and waterproofing products, at Juncal, Porto de Mós.

An audit was performed, report nº 1 02 08152 in 2024-10-18.
Proof has been furnished that the standard requirements are fulfilled.

Validity: This certificate is valid from 2024-10-27 until 2027-10-26.

2024-10-25

IPAC
acreditação

A0010
ISO/IEC 17021-1
Sistemas de Gestão



António Silva
Business Stream Manager Systems
TÜV Rheinland Portugal, Lda.
Rua Dr. Ant.º Loureiro Borges, 9, 3º
1495-131 Algés

AENOR



AENOR Product Certificate



034/001808

AENOR certifies that the organization

CS - COELHO DA SILVA, S.A.

registered office CL ALBERGARIA 2480 -071 JUNCAL (Leiria - Portugal)

supplies **Clay roofing tiles and fittings**

in compliance with UNE-EN 1304:2020 (EN 1304:2013)

Nº Technical Form 1890205 (see annex)

Production site CL ALBERGARIA 2480 -071 JUNCAL (Leiria - Portugal)

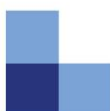
Certification scheme This Certificate has been granted in accordance with the stipulations of AENOR Specific Rules RP 034.02

First issued on 2012-04-02

Last issued on 2024-04-25

Validity 2029-04-25

Rafael GARCÍA MEIRO
CEO



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

Certificate

Standard **ISO 9001:2015**

Certificate Registr. N°. 0 01 08832

Certificate Holder: **CS - Coelho da Silva, S.A.**
Albergaria - Juncal
2480-071 Leiria
Portugal

Scope: Design, production and commercialization of ceramic roof and façade tiles and accessories and commercialization of complements, cleaning and waterproofing products, at Juncal, Porto de Mós.

An audit was performed, report nº 0 01 08832 in 2025-10-24.
Proof has been furnished that the standard requirements are fulfilled.

Validity: This certificate is valid from 2026-01-05 until 2029-01-04.

IPAC
accreditação

A0010
ISO/IEC 17021-1
Sistemas de Gestão

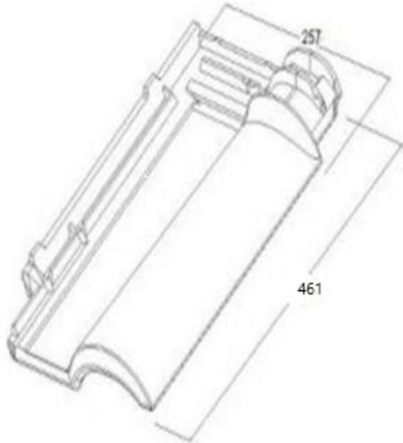
2025-12-29



António Silva
Business Stream Manager Systems
TÜV Rheinland Portugal, Lda.
Edifício Atlas III
Av. José Gomes Ferreira, 13 - 4º Piso
1495-139 Algés

AENOR MARK FOR CLAY ROOFING TILES AND FITTINGS

TECHNICAL FORM Nº: 1890205

Stamp and signature:	MANUFACTURER	CS - Coelho da Silva, S.A.			
	MADE IN:	Albergaria - 2480-071 - Juncal - Portugal			
	TILE DESCRIPTION:	CLAY ROOF TILE WITH SIDELOCK AND HEADLOCK EN 1304			
	BRAND NAME:	TECNO ROOF TILE			
PRODUCT TECHNICAL CHARACTERISTICS					
MANUFACTURER GUARANTEED VALUES					AENOR REQUIRED VALUES
REQUIRED					
Nominal dimensions (mm)					
		Length	Width		
Individuals	X	461	257		
Overlap					
Over and Under Tiles					
		Maximum width	Minimum width		
		-	-		
Impermeability					
Category 1	X	Test method 1			
Category 2		Test method 2		X	
Frost resistance					
Level 1 (nº cycles without damages ≥ 150)				X	
Level 2 (nº cycles without damages ≥ 90)					
OPTIONAL CHARACTERISTICS ANNEX D RP 34.02					
		YES	NO		
Impermeability (D.2 RP 34.02)			X		
Frost Resistance (D.3 RP 34.02)			X		
TILE SKETCH					
					
Piece without water repellent treatment					
Accessories:					
Ridge tile, Under-Ridge Wedgw, Eave Under Piece, Eave Over Piece, etc.					
Structural characteristics (% faults)					
ISO 2859-1					
LCA 2,5 (I)					
LCA 2,5 (I)					
Length tolerance (%)					
Width tolerance (%) (not applicable in Over and Under)					
Uniformity of the transverse profile (mm) (Only for Over and Under Tiles)					
EN 1024					
N/A					
N/A					
Camber/Twist (%)					
≤ 1,5					
≤ 1,5					
Mean Value					
Individual Value					
Mean Value					
Individual Value					
EN 539-1					
≤ 0,8					
≤ 0,85					
N/A					
N/A					
D.2 RP 34.02					
Flexural strenght (N)					
EN 538					
≥ 1200					
≥ 1200					
Frost resistance (cycles)					
EN 539-2					
≥ 150					
D.3 RP 34.02					
N/A					
N/A					
Fire reaction perfomance					
EN 13501-1					
A1					
A1					
External fire performance					
EN 13501-5					
Broof (t1/t2/t3)					
Broof (t1/t2/t3)					
Additional information given by the manufacturer ⁽¹⁾					
Unitary mass (in grams): 3900					
Roof tiles number in m ² (with one decimal): 12					
Length distance between battens (cm): 39,2					
Surface finish: Water Repellent Natural, Natural Red, Honey, Red, Brown, Titanium, Rustic Mediterranean, Old Rustic, Rustic Natural, Rustic Red, Nile, Earth, Monastery and Europe					
Mass coloration: Red					
Fixing types: Fixing lug and nailing pre-orifice					
Further information:					

⁽¹⁾ 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