



DECLARATION OF PERFORMANCE

NO. DOP 07/2020

1. Unique identification code of the product-type:

Plasma Roof Tile

2. Intended use/es:

Ceramic roofing tiles for sloped roofs

3. Manufacturer:

CS - Coelho da Silva, S.A.

4. Systems of assessment and verification of constancy of performance (AVCP):

System 4

5. Harmonised standard:

EN 1304:2005

6. Notified body/ies:

N.A.

7. Declared performance/s:

Essential features	Performance	Performance evaluation method	AVPC System
Form regularity - Planarity	Complies $\leq 1,5\%$	EN 1024	4



Essential features	Performance	Performance evaluation method	AVPC System
Rectilinearity	Complies $\leq 1,5\%$	EN 1024	4
Dimensional variation and tolerances	Complies	EN 1024	4
Water impermeability	Complies Category 1, Method 2 Average value $\leq 0.80\text{cm}^3/\text{cm}^2/\text{d}$ Individual value $\leq 0.85\text{cm}^3/\text{cm}^2/\text{d}$	EN 539-1	4
Flexural strength	Complies $\geq 900\text{N}$	EN 538	4
Frost resistance	Complies Level 1 ≥ 150 cycles	EN 539-2	4
External fire exposure performance	Complies Class Broof	Considered satisfactory without need for prior testing. Satisfies the provision of comission decision 2000/553/EC	4
Reaction to fire	Complies Class A1	Considered satisfactory without need for prior testing. Satisfies the provision of comission decision 96/603/EC	4



Essential features	Performance	Performance evaluation method	AVPC System
Emissions of dangerous substances	NPD (Not Performance Determined)

8. Website where the copy of the declaration of performance:

www.coelhodasilva.com

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

João Silva

Albergaria, 2480-071 Juncal, Porto de Mós, Leiria, November 03, 2020

(Signature)