



# SOFALCA

## EC DECLARATION OF PERFORMANCE

N.º ICB – EN 13170:2012 – T1 – CS10 (110) – TR (50)

1. Unic identification code of the product:

**Expanded Corkboard – ICB**

2. Type, sequence or serial number, or any other elements that allows the identification of the building product, according to the nr. 4th of the Article 11th.:

**Code, dimensions and production date marked into de label of the pack**

3. Expected use of the building product, in accordance with harmonized technical specification, according to the manufacturer:

**Thermal and sound isolation**

4. Name, commercial designation or registered brand, address and contacto f the manufacturer, as per nr. 5, of the article 11:

**Sofalca – Sociedade Central de Produtos de Cortiça, Lda.**

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5. If applicable, name, address and contacto f the representative, as per determined on the specification act of the nr. 2 of the article 12:

**Not applicable**

6. System or systems of evaluations and verification of the regularity and performance of the building product, as determined on the annex V:

**System 3**

7. In the case of a declaration of performance related to a building product with na harmonized norm:

**EN 13170:2012 – Thermal isolation products to be used in buildings – Expanded Cork (ICB) manufactured products**

8. In the case of a declaration of performance related to a building product, on which has been issued na European Technical Avaluation:

**Not applicable**

9. Declared performance:

Main features	Performance	Harmonized technical specifications
Volume mass / Density	< 130 Kg/m <sup>3</sup>	EN 13170:2012
Thermal conductivity coeficient	From 0.036 to 0.040 W/m.K	
Tension to stress	≥ 130 Kpa	
Tension to compression at 10%	≥ 110 Kpa	
Temperatures of usage	- 180 °C to + 120 °C	
Permeability to steam	386 ng/Pa.sm <sup>2</sup>	
Resistance to the difusion of steam	μ = 7 to 14	
Fire class (to exposed situations)	Class E	
Fire class (for ETICS systems)	Class B-s1,d0	
Lengh x With	1000x500 mm / 900x500 mm	
Thickness	10 to 300 mm	

When, in the terms of the article 37.º or of the article 38.º, a specific technical documentation has been used, the requirements of the product obeys to:

**Not applicable**

10. The performance of the product identified in points 1 and 2 is according to the declared performance in point 9

The presente declaration of performance is issued under the exclusive responsibility of the manufacturer, identified in point 4.

Signed by and in the name of the manufacturer:

**Abrantes, 30 of September of 2013**

(Place and date of issue)

**Nuno Falcão Estrada, Gerente**

(Signature)

**SOFALCA**  
SOCIEDADE CENTRAL DE PRODUTOS DE CORTIÇA, LDA

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