

DECLARATION OF PERFORMANCE

No. INSSP112

1 – Unique identification code of the product-type:

INSSP112

2 – Identification of the construction product as required pursuant to Article 11(4) of Regulation (EU) No. 305/2011:

AISLADECK AL

3 – Intended use or uses of the construction product:

Thermal insulation for buildings

4 – Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5) of Regulation (EU) No. 305/2011:

TEXSA SYSTEMS S.L.U
C/ FERRO, 7 - Pol. Can Pelegrí
08755 CASTELLBISBAL (SPAIN)
www.texsa.com

5 – Name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2) of Regulation (EU) No. 305/2011:

Not applicable

6 – System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V of Regulation (UE) No. 305/2011:

SYSTEM 3

7 – Case of the declaration of performance concerning a construction product covered by a harmonised standard:

The Bureau Veritas Certification S.A.U. (Notified Body No. 1035):

- **has performed the verification of the system of factory production control according to the system 3 and fire reaction according to the system 1**
- **has issued the certificate of conformity of the factory production control nº:**
 - **1035-CPD-ES024205 (EN13165:2012)**

8 – Case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not applicable

9 – Declared performance:

Essential characteristics	Performances		Harmonised Technical specification
Reaction to fire	$d_N = 25 \text{ mm}$	F (Not tested)	EN 13165:2012
	$30 < d_N \leq 120\text{mm}$	C-s2,d0	
Reaction to fire – end use	Thermal insulation for deck type metal roofing	B-s2,d0 Standard assembly nº3	

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Water permeability	Water absorption: Short term by partial immersion Long term by partial immersion Long term by total immersion	NPD NPD WL(T)1	
	Flatness after one-sided wetting	NPD	
Release of dangerous substances to the indoor environment	No harmonised test method available		
Acoustic absorption index	Sound absorption	NPD	
Direct airborne sound insulation index	Sound absorption	NPD	
Continuous glowing combustion	No harmonised test method available		
Thermal resistance	Thermal resistance R_D ($m^2 \cdot K/W$)	$d_N:25mm R_D=1,10$ $d_N:30mm R_D=1,30$ $d_N:40mm R_D=1,75$ $d_N:50mm R_D=2,20$ $d_N:60mm R_D=2,65$ $d_N:70mm R_D=3,05$ $d_N:80mm R_D=3,50$ $d_N:90mm R_D=3,95$ $d_N:100mm R_D=4,40$ $d_N:110mm R_D=4,85$ $d_N:120mm R_D=5,30$	
	Thermal conductivity λ_D ($W/m \cdot K$)	0,023	
	Thickness $d_N:25-100$	T2	
Water vapour permeability	Water vapour transmission	NPD	
Compressive strength	$e \leq 45mm$	CS(10\Y)175	
	$e \geq 50mm$	CS(10\Y)200	
Tensile strength / flexion	Tensile strength perpendicular to faces	NPD	
Durability of reaction to fire against heat, weathering, ageing / degradation	Reaction to fire does not change with time		
Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal resistance and thermal conductivity	(a)	EN 13165:2012
	Durability of thermal resistance against ageing / degradation	(a)	
	Dimensional stability under specified temperature and humidity conditions	DS(70,90)3	
	Deformation under specified compressive load and temperature conditions	NPD	
	Method for determination of the values of thermal resistance and thermal conductivity after ageing	(a)	
Durability of compressive strength against ageing / degradation	Compressive creep	NPD	

(a) The declared value of thermal conductivity incorporates the effect of ageing over time extrapolated to 25 years

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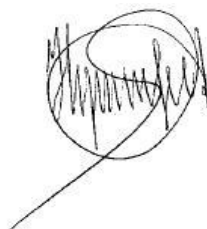
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10 – The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Castellbisbal, 2nd of march 2016
Director research R&D, Mr. FITER Joan
Texsa Systems sl

A handwritten signature in black ink, consisting of a circular scribble with a vertical line extending downwards from the bottom left of the circle.