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 mm	F (Not tested)	EN 13165:2012
	30 < d_N ≤ 120mm	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·K)	**0,023**	
	Thickness d_N:25-100	**T2**	
Water vapour permeability	**Water vapour transmission**	**NPD**	
Compressive strength	**e ≤ 45mm**	**CS(10\Y)175**	
	e ≥ 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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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 slu