

Declaration of Performance

SURESIP Panel
QMS_SureFinishing Ltd_DOP



Unique identification code of the product-type: SURESIP
Intended use/es: SIP-Prefabricated Wood based Load bearing Stressed skin panels
Manufacturer: **SUREFINISHING**
System/s of AVCP: **System 1**

Harmonised technical specification **ETA-European Technical Assessment 11/0466-issued 2018. Certificate of constancy of performance no – 0836-CPR-18/P018**

Notified body/ies: National Standards Authority of Ireland

Essential characteristics		Performance
Thermal resistance	Thermal resistance R_D ((m ² .K)/W)	d _N 70mm 2.43 d _N 95mm 3.56 d _N 120mm 4.70 d _N 145mm 5.84
	Thermal conductivity λ_D (W/(m.K))	0.022-PU core 0.13-OSB-3 Face 0.10-Tricoya Face
	Thickness tolerance	± 2mm
	Flatness	± 5mm over 2440mm length ± 3mm over 1220mm Width
	Squareness	Raw Panel = ± 2° Cut Panel = ± 2mm
Reaction to fire		OSB-3 D,s2,d0-OSB layer 11mm Tricoya E,s2,d0-OSB layer 09mm Panel – RtF E
Durability of reaction to fire against heat, weathering, ageing / degradation		Reaction to fire does not change with time
Modulus of elasticity of compression		≥ 4.5 N/mm ²
Shear modulus(SM)		SM-≥ 4 N/mm ²
Shear resistance (SS)		SS-≥ 0.12 N/mm ²
Compressive strain under 10% compression (CS) Tensile / Flexural strength	Compressive stress or compressive strength Tensile strength	CS ≥ 0.08 N/mm ²
		TR-≥ 0.07 N/mm ²
Density		PUR≥ 35 kg/m ³ Tricoya ≥ 700 kg/m ³ OSB-3 ≥ 700 kg/m ³
length and width	L-Raw Panel = +3mm / -50mm (max overhang), Cut Panel = +0mm/-5mm W-+0mm / -3mm	L-Raw Panel = +3mm / -50mm (max overhang), Cut Panel = +0mm/-5mm W +0mm / -3mm

Dimensional Stability	EN318	Tricoya length -0.1% Tricoya Width -0.1%
		Tricoya Thickness -1.0%
Water vapour permeability	Water vapour diffusion resistance factor	MU 60
Release of dangerous substances to the		N/A

www.Surefinishing.ie/downloads

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indoor environment		
Continuous glowing combustion		NA
NPD: No Performance Determined		

The performance of the product identified above is in conformity with the set of declared performances. 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:

Martin Carey

Managing Director UK and Ireland .ISSUE
DATE 26.01..2021

Clonmel, Co.Tipperary, Ireland

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