

# DECLARATION OF PERFORMANCE

## No. 47702-a-CPR\_2020.06.1

Unique identification code of the product-type	INSTASOFT
Intended use/es	Factory-made bonded foam to be used as acoustic and thermal insulation
Manufacturer	Recticel Insulation - ZI-7 Boulevard de la Chanterie - 49124 Saint Barthélemy d'Anjou - France
System/s of AVCP	AVCP 3
Harmonised standard	EAD n°040831-01-1201
Notified body/ies	Notified testing laboratory No. NB 1136, NB 2294, NB 2264 & NB 1173 determined the production type under system AVCP3.

Essential characteristics	Performance (The letters 'NPD' (No Performance Determined) are indicated where no performance is declared.)	
Reaction to fire	Reaction to fire	NPD
Thermal conductivity and thermal resistance	Thermal resistance ( $R_D$ in $m^2K/W$ )	1.05
	Thermal conductivity ( $\lambda_D$ in $W/mK$ )	0.037
Airflow resistance	Airflow resistance ( $Pa.s/m$ )	417
Geometry	Length and width	
	Thickness - $d_N$ : 40 mm	T2
	Squareness	
	Flatness	
Density	Density, $Kg/m^3$	80
Thickness and compressibility	Compressibility $c$	NPD
Tensile strength	Tensile strength perpendicular to faces	TR40
Water absorption	Short term water absorption by partial immersion, $W_p$	NPD
Water vapour transmission	Water vapour diffusion resistance factor $\mu$	NPD
Sound absorption	Practical sound absorption coefficient, $\alpha_p$	NPD
	Weighted sound absorption coefficient, $\alpha_w$	0.65
Content, emission and/or release of dangerous substances	French regulation on emissions	A+ (France)
	Belgium regulation on emissions	Conform (Belgium)
Dimensional stability	48h, 23°C, 50% R.H.	DS(N)2

Complementary information		
Characteristics	Performance	
Reaction to fire - end use	- End use (with gypsum plasterboard, minimal thickness 12.5mm)	B-s1, d0
Sound reduction	Sound reduction index improvement, $\Delta R_w$ in dB	9

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 305/211, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

at Angers on June the 1<sup>st</sup> 2020

Cédric BARA – France Operational Insulation Manager