

# DECLARATION OF PERFORMANCE

No.: 67000-b-CPR\_2018.12.01

Unique identification code of the product-type	SILENTWALL
Intended use/es	Factory-made bonded foam to be used as acoustic and thermal insulation
Manufacturer	Recticel Insulation Sas - ZI-7 Boulevard de la Chanterie - 49124 Saint Barthélemy d'Anjou - France
System/s of AVCP	AVCP 3
Harmonised standard	EAD n°040831-00-1201
Notified body/ies	Notified testing laboratory No. NB 1136, NB 2294, NB 1671, 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
Content, emission and/or release of dangerous substances	French regulation on emissions	A+(France)
	Belgium regulation on emissions	Conform (Belgium)
Airflow resistance		NPD
Sound absorption	Practical sound absorption coefficient, $\alpha_p$	NPD
	Weighted sound absorption coefficient, $\alpha_w$	0.65
Tensile strength	Tensile strength perpendicular to faces, kPa	TR40
Geometry	Length and width	
	Thickness - $d_N$ : 40 mm	T2
	Squareness	
	Flatness	
Thickness and compressibility	Compressibility c	NPD
Density	Density, Kg/m <sup>3</sup>	80
Water vapour transmission	Water vapour diffusion resistance factor $\mu$	NPD
Dimensional stability	48h, 70°C, 90% R.H.	NPD
Water absorption	Short term water absorption by partial immersion, $W_p$	NPD
Thermal conductivity and thermal resistance	Thermal conductivity, $\lambda_{D, in}$ W/m.K	0.037
	Thermal resistance, $R_{D, in}$ m <sup>2</sup> K/W	1.05

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	12

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 the European Organisation for Technical Assessment ETA -17/1045, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

at Wevelgem on December 1<sup>st</sup> 2018

Wim Giebens – Industrial Manager Recticel Building Insulation