

# DECLARATION OF PERFORMANCE

No.: **64688-a-CPR\_2013.04.1**

1.	Unique identification code of the product-type	<b>64688 – PU Rigid board gastight facing</b>
2.	Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4)	<b>See CE mark label and marking on boards</b>
3.	Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer	<b>Thermal insulation for buildings</b>
4.	Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)	<b>Eurodeck Recticel Ltd. Enterprise Way, Meir Park Stoke-on-Trent, ST3 7UN UK</b>
5.	Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)	<b>Not relevant</b>
6.	System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V	<b>AVCP 3</b>
7.	In case of the declaration of performance concerning a construction product covered by a harmonised standard	<b>EN 13165:2012 Notified testing laboratory No. NB 0836 performed the test reports on the declared characteristics under system AVCP 3.</b>
8.	In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued	<b>Not relevant</b>

## 9. Declared performance

Essential characteristics	Performance (The letters 'NPD' (No Performance Determined) are indicated where no performance is declared.)		Harmonised technical specification
Reaction to fire	Reaction to fire	F	<b>EN 13165: 2012</b>
Reaction to fire – end use	Reaction to fire – end use	NPD	
Thermal resistance	Thermal resistance ( $R_D$ in $m^2K/W$ )	1,30 for $d_N$ 30mm 6,95 for $d_N$ 160mm	
	Thermal conductivity ( $\lambda_D$ in $W/mK$ )	0,023	
Thickness	$d_N$ : 30-160 mm	T2	
Length and width	< 1000 mm	$\pm$ 5 mm	
	1001 to 2000 mm	$\pm$ 7,5 mm	
	2001 to 4000 mm	$\pm$ 10 mm	
	> 4000 mm	$\pm$ 15 mm	
Squareness	$\leq$ 5 mm/m		
Flatness	Length:	$\leq$ 2,50 m	
	Area $\leq$ 0,75 $m^2$ : Area $>$ 0,75 $m^2$ :	Deviation $\leq$ 5 mm Deviation $\leq$ 10 mm	
Compressive strength	CS(10/Y)140 for $d_N <$ 60mm CS(10/Y)150 for $d_N \geq$ 60mm		
Tensile strength/shear behaviour	Tensile strength perpendicular to faces:	NPD	
	Shear strength:	NPD	
	Shear modulus:	NPD	
Water permeability	Water absorption		
	- short term by partial immersion	NPD	
	- long term by partial immersion	NPD	
	- long term by total immersion	NPD	
Water vapour permeability	Flatness after one-sided wetting	NPD	
	Water vapour transmission	NPD	
Acoustic absorption index	Sound absorption	NPD	
Direct airborne sound insulation index	Sound absorption	NPD	
Continuous glowing combustion	No harmonized test method available		
Release of dangerous substances to the indoor environment	No harmonized test method available		
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	Dimensional stability under specified temperature and humidity conditions	NPD	
	Deformation under specified compressive load and temperature conditions	NPD	
	Ageing method	C.4	
Durability of compressive strength against ageing/degradation	Compressive creep	NPD	
			EN 13823
			EN 13501-1
			EN 12667 EN 12939
			EN 1609 EN 12087 EN 12087
			EN ISO 10456: (tabulated value)
			EN 1604 EN 1605
			Annex C / EN 13165:2012

Where pursuant to Article 37 or 38, the Specific Technical Documentation has been used, the requirements with which the product complies:

**Not relevant**

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:

**Wim Giebens**

Industrial Manager Recticel Building Insulation

Wevelgem, 07<sup>th</sup> may 2013