

# ***Declaration of Performance***

**No. 001 Vita Cellular Foams T/A Kay-Metzeler 1/2/2013**

1. Unique identification code of the product type:  
**Kay-Cel EPS - Thermal Insulation Products for Buildings**
  
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11 (4) of the CPR:  
**Kay-Cel EPS 150E**
  
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:  
**Energy economy and heat retention**
  
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11 (5) of the CPR:  
**Vita Cellular Foams  
T.A Kay-Metzeler  
Brook Street  
Chelmsford  
Essex  
CM1 1UQ**
  
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12 (2):  
**David Darkins  
T.A Kay-Metzeler  
Brook Street  
Chelmsford  
Essex  
CM1 1UQ**
  
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:  
**System 3**
  
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:  
**BS EN 13163:2012 – Thermal insulation products for buildings – Factory made products of expanded polystyrene (EPS)**

**British Board of Agrément (No.0836) carried out the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type**

calculation, tabulated values, and descriptive documentation of the product under System 3, and issued a test report BBA Certificate (89/2196).

8. Declared Performance:

Essential Characteristics	Performance	Harmonised Technical Specification
Thermal Conductivity (W/mK) Lambda 90:90	0.035	BS EN 13163 / EN 12667
Length	L(3)	BS EN 13163 / EN 822
Width	W(3)	BS EN 13163 / EN 822
Thickness	T(2)	BS EN 13163 / EN 823
Squareness	S(5)	BS EN 13163 / EN 824
Flatness	P(15)	BS EN 13163 / EN 825
Dimensional Stability under normal Lab Conditions	+/- 0.5% Class DS(N)5	BS EN 13163 / EN 1603
Cross Breaking Strength (kPa)	200	BS EN 13163 / EN 12089
Compressive Strength at 10% deformation (kPa)	150	BS EN 13163 / EN 826
Fire Classification	EuroClass E	BS EN 13163/ EN 13501 / EN 11925

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. 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:

**David Darkins / UK Industrial Conversion Operations Manager**

.....  
(Name and job position)



.....4<sup>th</sup> March 2013.....  
(Date)

.....  
(Signature)