

## System 500

## NEWTON FIBRAN XPS 500-C

## Closed-Cell Slotted Insulation Board



Rev 1.0 - 4 September 2015

PRODUCT CODE - 500C

DOP No: XXXX/XXX/XXXXXX/2015-04-09

**1. Product Name**

Newton Fibran XPS 500-C

**2. Product Type**

500 C

**3. Intended Use or Uses of the Construction Product, in Accordance with the Applicable Harmonised Technical Specification as Foreseen by the Manufacturer**

Thermal insulation for building (ThIB). XPS-EN 13164-T1-CS(10\Y)500-DS(23.90).

**4. Name, Registered Trade Name**

Newton Waterproofing Systems (A trading name of John Newton & Company Ltd)  
 Newton House  
 17-19 Sovereign Way  
 Tonbridge  
 Kent  
 TN9 1RH  
 United Kingdom

**5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)**

Not relevant

**6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V**

AVCP -- System 3

**7. Name and identification number of notified body**

LNEC N° 0856

**8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued**

Not relevant

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### 9. Declared Performance

Essential Characteristics	Result	Units	Test Method
Thickness tolerance	T <sub>i</sub> +3/-2(≥50mm)	mm	EN 823
Declared compressive strength at 10% deformation	500	kPa	EN 826
Compressive creep over 50 years at < 2% deformation	165	kPa	EN 1606
Declared thermal conductivity λ <sub>d</sub> (after 25 years) - 50 mm	0.035	W/(mxK)	EN 12667
Declared thermal resistance R <sub>d</sub> (after 25 years) - 50 mm	*	m <sup>2</sup> K/W	EN 12667
Declared value of dimensional stability	≤ 2	%	EN 1604
Reaction to fire (Euroclass)	Class E		EN 13501-1

### 10. Declaration

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

The declaration of this performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Name: Warren Muschialli - Managing Director

Date: 26th August 2015

Signature:

