



EN 13164

2008

1168, 1169 & 1722

## DECLARATION OF PERFORMANCE

### SarnaTherm XPS

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<b>1. Product Type:</b> Unique identification code of the product-type:	<b>SarnaTherm XPS</b>
<b>2. Type</b> batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):	<b>XPS</b> (batch nr see packaging)
<b>3. Intended use</b> or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:	<b>Thermal insulation for buildings according to EN 13165 Factory made extruded polystyrene foam (XPS) products.</b>
<b>4. Name, registered trade name</b> or registered trade mark and contact address of the manufacturer as required under Article 11(5):	<b>SarnaTherm XPS</b> <b>Sika Limited</b> <b>Bankside 300</b> <b>Peachman Way</b> <b>Broadland Bu</b> <b>AL7 1BQ</b>
<b>5. Contact Address:</b> Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):	<b>Not relevant</b> (see 4)
<b>6. AVCP:</b> System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in CPR, Annex V:	<b>System 3</b>
<b>7. Notified body (hEN):</b> In case of the declaration of performance (DoP) concerning a construction product covered by a harmonised standard:	<b>EN 13164:2008</b> <b>Notified testing laboratory No. 1168, 1169 and 1722 carried out determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation, tabulated values or descriptive documentation of the product under system AVCP 3</b>

Declaration of Performance



<b>8. Notified body (ETA):</b> In case of the declaration of performance concerning a construction product for which a European Technical Assessment (ETA) has been issued:	<b>Not relevant</b> (refer to item 7)
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### 9. Declared performance

Essential characteristics	Performance	Test Standard	Harmonised technical specification
Reaction to fire	E	EN 13501-1	EN 13164: 2008
Thermal resistance ((m <sup>2</sup> .K)/W)	d <sub>N</sub> 30 -160mm 1.50 -5.15	EN 12667 EN 12939	
Thermal conductivity λ <sub>D</sub> (W/(m.K))	30 - 120mm; 0.029 121mm -160mm; 0.031		
Thickness	d <sub>N</sub> < 50mm T1; ± 2.0mm 50mm ≤ d <sub>N</sub> ≤ 120mm T1; - 2.0mm + 3.0mm d <sub>N</sub> > 120mm T1; - 2.0mm + 6.0mm	EN 823	
Length & width	≤ 1500mm - ± 8.0mm > 1500mm - ± 10.0mm	EN822	
Squareness	Length ≤ 5mm/m Width ≤ 5mm/m	EN824	
Flatness	≤ 1500mm ≤ 6.0mm/m > 1500mm ≤ 6.0mm/m	EN825	
Compressive strength (kPa)	CS(10/Y)300	EN826	
Water Transmission	NPD		
Dimensional stability at specified temperature and humidity conditions	48 h, 70°C, 90% RH DS (70, 90)	EN1604	
Long term water absorption by total immersion	WL(T)0.7	EN12087	
Long term water absorption by diffusion	WD(V)3	EN12088	
Freeze thaw resistance after long term water absorption by diffusion	FTCD1	EN12091	
Deformation under compressive load and temperature conditions	40 kPa, 70°C, 168 hours DLT(2)5	EN1605	

## 10. Declaration

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 (DoP) is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



R&D Manager



Technical Manager

08, 2013

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## Ecology, Health and Safety Information (REACH)

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet (MSDS) containing physical, ecological, toxicological and other safety related data.

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### Legal note:

This information is given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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Certificate No. EMS 4308



Certificate No. FM 12504