

# Sikatherm® EPS 200 035 RJ1

## DECLARATION OF PERFORMANCE

### No. 68063145

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT- TYPE:	68063145
2	INTENDED USE/S	BS EN 13163:2012+A2:2016 Thermal insulation products for buildings. Factory made expanded polystyrene (EPS) products.
3	MANUFACTURER:	Sika Limited, Watchmead, Welwyn Garden City Hertfordshire, AL7 1BQ, United Kingdom.
4	AUTHORISED REPRESENTATIVE:	
5	SYSTEM/S OF AVCP:	System 3
6a	HARMONISED STANDARD:	BS EN 13163:2012+A2:2016.
	Notified body/ies:	British Board of Agrément (0836) BRE (0832) (RtF)
7	DECLARED PERFORMANCE/S	

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Length and width	L2 & W2	System 3	BS EN 13163:2012+A2:2016.
Thickness	T2	System 3	
Squareness	S2	System 3	
Flatness	P5	System 3	
Reaction to Fire	E	System 3	
Thermal Conductivity - Declared	0.031W/mK	System 3	
Thermal Conductivity - Design	0.035W/mK	System 3	
Thermal Resistance	See table below	System 3	
Compressive Strength at 10% deformation	CS(10) 200	System 3	
Compressive Creep	cc(2/1.5/50) 0.3σ <sub>10</sub>	System 3	
Deformation under specified compressive load and temperature	≤5%	System 3	
Dimensional stability	DS(70,90)1	System 3	
Long-term water absorption by diffusion	WD(V)3	System 3	
Long-term water absorption by immersion	WL(T)2	System 3	
Thickness	50mm – 240mm in 5mm increments	System 3	

#### Declaration of Performance

Sikatherm® EPS 200 031 RJ1

68063145

2021/10 Version 1

Nominal Thickness mm	Thermal Resistance m2K/W Declared	Thermal Resistance m2K/W Design
50	1.60	1.40
100	3.20	2.85
105	3.35	3.00
110	3.50	3.10
115	3.70	3.25
120	3.85	3.40
125	4.00	3.55
130	4.15	3.70
135	4.35	3.85
140	4.50	4.00
145	4.65	4.10
150	4.80	4.25
155	5.00	4.40
160	5.15	4.55
165	5.30	4.70
170	5.45	4.85
175	5.60	5.00
180	5.80	5.10
185	5.95	5.25
190	6.10	5.40
195	6.25	5.55
200	6.45	5.70
205	6.60	5.85
210	6.75	6.00
215	6.90	6.10
220	7.05	6.25
225	7.25	6.40
230	7.40	6.55
235	7.55	6.70
240	7.70	6.85

## 8 APPROPRIATE TECHNICAL DOCUMENTATION AND/OR - SPECIFIC TECHNICAL DOCUMENTATION

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 performance of the product identified above is in conformity with the set of The

**Declaration of Performance**  
Sikatherm® EPS 200 031 RJ1  
68063145  
2021/10 Version 1

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 Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Name : Dean Grady  
Function: Senior Product Engineer  
At Norwich on 15 October 2021



Name : Alex Coward  
Function: Head of Technical  
At Preston on 01 December 2022



End of information as required by UKCA



Sika Limited  
Watchmead · Welwyn Garden City · Hertfordshire · AL7 1BQ · United Kingdom

DoP No. 68063145375

BS EN 13163:2012+A2:2016  
Thermal insulation products for buildings. Factory made expanded polystyrene (EPS) products.

Notified Body British Board of Agrément (0836) BRE (0832) (RtF)

Length and width	L2 & W2
Thickness	T2
Squareness	S2
Flatness	P5
Reaction to Fire	E
Thermal Conductivity - Declared	0.031W/mK
Thermal Conductivity - Design	0.035W/mK
Thermal Resistance	See table below
Compressive Strength at 10% deformation	CS(10) 200
Compressive Creep	cc(2/1.5/50) 0.3σ10
Deformation under specified compressive load and temperature	≤5%
Dimensional stability	DS(70,90)1

#### Declaration of Performance

Sikatherm® EPS 200 031 RJ1  
68063145  
2021/10 Version 1

Long-term water absorption by diffusion	WD(V)3
Long-term water absorption by immersion	WL(T)2
Thickness	50mm – 240mm in 5mm increments

<http://dop.sika.com>

## 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 Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.

## LEGAL NOTE

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are 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 Sikas 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 products 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.

### Declaration of Performance

Sikatherm® EPS 200 031 RJ1

68063145

2021/10 Version 1