BUILDING TRUST

Sikatherm PIR GT

DECLARATION OF PERFORMANCE

No. 56600050

1	**UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:**	56600050
2	**INTENDED USE/S**	BS EN 13165:2012+A2:2016 Thermal insulation products for buildings. Factory made rigid polyurethane foam (PU) products.
3	**MANUFACTURER:**	Sika Limited, Watchmead, Welwyn Garden City Hertfordshire, AL7 1BQ, United Kingdom.
4	**AUTHORISED REPRESENTATIVE:**	
5	**SYSTEM/S OF AVCP:**	System 3/4
6a	**HARMONISED STANDARD:**	BS EN 13165:2012+A2:2016
	Notified body/ies:	University of Salford :1145 Warrington Fire: 0833, BITS 1334
7	**DECLARED PERFORMANCE/S**	

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Thermal resistance RD ((m².K)/W)	dN 30mm1.10 dN 40mm 1.45 dN 50mm 1.85 dN 60mm 2.20 dN 70mm 2.55 dN 80mm 3.20 dN 90mm 3.60 dN 100mm 4.0 dN 120mm 5.0 dN 130mm 5.4 dN 140mm 5.8 dN 150mm 6.25 dN 160mm 6.65	System 3	BS EN 13165
Thermal conductivity λD (W/(m.K))	dN < 80mm 0.027 dN 80-119mm 0.025 dN ≥ 120mm 0.024	System 3	
Thickness tolerance	T2	System 3	
Reaction to fire	F	System 4	
Durability of reaction to fire against heat, weathering, ageing / degradation			
Durability of the reaction to fire of the product as placed on the market	NPD	System 3	
Durability of thermal resistance and thermal conductivity against ageing/degradation	NPD	System 3	
Durability of Thermal Resistance against heat, weathering, ageing / degradation	Thermal conductivity λD (W/(m.K)) dN < 80mm 0.027 dN 80-119mm 0.025 dN ≥ 120mm 0.024	System3	
Durability characteristics	NPD	System 3	
Dimensional stability under specified temperature and humidity condition	DS(70,90)3 DS(-20,-)1	System 3	
Deformation under specified compressive load and temperature conditions	NPD	System 3	

Determination of the aged	λD 0,024, 0.025, 0,027 W/m·K	System 3	
Compressive stress or compressive strength	CS(10\Y)150	System 3	
Tensile / Flexural strength Tensile strength perpendicular to faces	TR80	System 3	
Durability of compressive strength against ageing / degradation Compressive creep	NPD	System 3	
Water permeability Short term water absorption	NPD	System 3	BS EN 13165
Long term water absorption	NPD	System 3	
Flatness after one sided wetting	NPD	System 3	
Water vapour permeability Water vapour transmission	NPD	System 3	
Acoustic absorption index Sound absorption	NPD	System 3	
Continuous Glowing Combustion	NPD	System 3	
Release of dangerous substances to the indoor environment Release of dangerous substances	NPD	System 3	

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, 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
11th Feb 2022

Name : Alex Coward
Function: Head of Technical
11th Feb 2022

End of information as required by UKCA

UK CA

Sika Limited

DoP No. 56600050

BS EN 13165:2012+A2:2016
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Continuous Glowing Combustion	NPD
Release of dangerous substances to the indoor environment Release of dangerous substances	NPD

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