

No. 10/3/B/2022

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| 1. Unique identification code of the product-type: | ThermaSmart PRO - tubes PEF-EN 14313-ST(+)-95-WS 01 |
| 2. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: | Thermal insulation for building equipment and industrial installations |
| 3. Manufacturer: | Thermaflex Izolacji Sp. z o.o., 58 – 130 Żarów, Poland
E-mail: biuro@thermaflex.com
Tel: +48748589666 |
| 4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: | System 1 |
| 5. Harmonized standard: | PN-EN 14313:2016 |
| 6. Notified body or bodies: | 1454 Łukasiewicz Research Network - Institute of Mechanization of Construction and Rock Mining, Branch in Katowice |
| 7. Declared performance: | |

Declared performance

Essential characteristics	Performance	Harmonized technical specification																
Reaction to fire Euroclass Characteristics	Reaction to fire: B₁-s₁, d₀																	
Dimensions and tolerances	dD = 9 – 25 mm																	
Acoustic absorption index	Structure-borne sound transmission: NPD Sound absorption: NPD																	
Thermal resistance	Thermal conductivity (λ): Average Temperature [°C] λ W/mK																	
	<table border="0"> <tr> <td></td> <td>10</td> <td>20</td> <td>30</td> <td>40</td> <td>50</td> <td>60</td> <td>70</td> </tr> <tr> <td></td> <td>0,035</td> <td>0,036</td> <td>0,037</td> <td>0,038</td> <td>0,039</td> <td>0,040</td> <td>0,041</td> </tr> </table>		10	20	30	40	50	60	70		0,035	0,036	0,037	0,038	0,039	0,040	0,041	
	10	20	30	40	50	60	70											
	0,035	0,036	0,037	0,038	0,039	0,040	0,041											
Water permeability	Water absorption: WS 01																	
Water vapour permeability	Water vapour diffusion resistance: NPD																	
Compressive strength	Compressive strength is not applicable for products made of polyethylene foam																	
Rate of release of corrosive substances	Trace quantities of water soluble ions and pH-value: NPD																	
Release of dangerous substances to the indoor environment	Release of dangerous substances: NPD	PN-EN 14313:2016																
Continuous glowing combustion	Continuous glowing combustion: NPD																	
Durability of reaction to fire against ageing/ degradation	Durability characteristics																	
Durability of thermal resistance to fire against ageing/ degradation	Thermal conductivity Dimensions and tolerances Dimensional stability Durability characteristics Maximum service temperature: ST(+)-95 Minimum service temperature	They do not change with time - proven according to point 4.2.5 EN 14313:2016																
Durability of reaction to fire against high temperature	Durability characteristics																	
Durability of thermal resistance to fire against high temperature	Durability characteristics Maximum service temperature – dimensional stability: ST(+)-95																	

8. Declaration

The performance of the product specified above is in accordance with the declared performance. This declaration of performance is issued in accordance with Regulation (EU) No. 305/2011 and is the sole responsibility of the abovementioned manufacturer.

Signed on behalf of the manufacturer:
Żarów, 28 October 2022



Janusz Tichoniuk
Managing Director



Cezary Naliwajek
Sales & Marketing Manager Insulation Europe