

DECLARATION OF PERFORMANCE

No. 02//B/2013 Rev. 3/2016

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|----|--|---|
| 1. | Unique identification code of the product-type: | ThermaSmart ENEC PEF-EN 14313-ST(+) 95-WS 01 |
| 2. | Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4): | See the label |
| 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 Equipment and Industrial Installations(ThIBEII) |
| 4. | Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5): | Thermaflex Izolacji Sp. z o.o., 58 – 130 Żarów, Poland
E-mail: office@thermaflex.com.pl
Tel: +48.74.8589.666 |
| 5. | Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2): | -- |
| 6. | System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: | System 1 |
| 7. | In case of the declaration of performance concerning a construction product covered by a harmonised standard: | Notified certification body No. 1454 performed, carried out the determination of the product type, the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of constancy of performance for reaction to fire. Notified testing laboratories No. 0751 and 1454 performed the test reports for the other relevant declared characteristics |
| 8. | In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: | not relevant |
| 9. | Declared performance | |

Essential characteristics	Performance	Harmonised technical specification																
Reaction to fire Euroclass Characteristics	Reaction to fire: C _s -s1, d0	EN 14313:2009 + A1:2013																
Acoustic absorption index	Sound absorption: NPD																	
Thermal resistance	Thermal conductivity (λ): <table border="1"> <thead> <tr> <th>Average temperature °C</th> <th>10</th> <th>20</th> <th>30</th> <th>40</th> <th>50</th> <th>60</th> <th>70</th> </tr> </thead> <tbody> <tr> <td>λ W/mK</td> <td>0,034</td> <td>0,035</td> <td>0,036</td> <td>-</td> <td>0,038</td> <td>0,039</td> <td>0,040</td> </tr> </tbody> </table> Thickness: d ₀ = 10 – 30 mm		Average temperature °C	10	20	30	40	50	60	70	λ W/mK	0,034	0,035	0,036	-	0,038	0,039	0,040
Average temperature °C	10		20	30	40	50	60	70										
λ W/mK	0,034		0,035	0,036	-	0,038	0,039	0,040										
Water permeability	Water absorption: WS 01 (0,05 < W _p ≤ 0,1 kg/m ²)																	
Water vapour permeability	Water vapour diffusion resistance: NPD																	
Compressive strength	NPD																	
Rate of release of corrosive substances	Trace quantities of water soluble ions and pH-value: NPD																	
Release of dangerous substances to the indoor environment	NPD																	
Continuous glowing combustion	NPD																	
Durability of reaction to fire against ageing/ degradation	Durability characteristics C _s -s1, d0																	
Durability of thermal resistance to fire against ageing/ degradation	Maximum service temperature: ST(+) 95 (= 95 °C)																	
Durability of reaction to fire against high temperature	Durability characteristics C _s -s1, d0																	
Durability of thermal resistance to fire against high temperature	Maximum service temperature: ST(+) 95 (= 95 °C)																	

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 is issued under the sole responsibility of the manufacturer identified in point 4. Signed for and on behalf of the manufacturer by:

Żarów, dnia 16.01.2018

Jakub Sobieszek, Dyrektor Generalny, Prokurent

Marcin Łukaszewicz, CSO North East Europe

We are Thermaflex, Taking care of energy and the environment

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