

## No. 04/4/B/2021

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| 1. | Unique identification code of the product-type:  | <b>ThermaEco FRZ HF - tubes</b> PEF-EN 14313-ST(+) 95-WS 005  |
| 2. | 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  |
| 3. | Manufacturer:  | Thermaflex Izolacji Sp. z o.o., 58 – 130 Żarów, Poland<br>E-mail: <a href="mailto:biuro@thermaflex.com">biuro@thermaflex.com</a><br>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 3  |
| 5. | Harmonized standard:   | EN 14313+A1:2013-07   |
| 6. | Notified body or bodies:   | 0751 FIW MÜNCHEN, 1234 Effectis, 1496 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: <b>E<sub>L</sub></b>	
Acoustic absorption index	Structure-borne sound transmission: <b>NPD</b> Sound absorption: <b>NPD</b>	
Thermal resistance	<b>Thermal conductivity (λ):</b> Average Temperature [°C]      20      30      40      50 λ W/mK                              0,038    0,039    0,040    0,041	
Water permeability	Water absorption: <b>WS 005</b>	
Water vapour permeability	Water vapour diffusion resistance: <b>NPD</b>	
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: <b>NPD</b>	
Release of dangerous substances to the indoor environment	Release of dangerous substances: <b>NPD</b>	EN 14313+A1:2013-07
Continuous glowing combustion	Continuous glowing combustion: <b>NPD</b>	
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: <b>ST(+) 95</b> Minimum service temperature	They do not change with time - proven according to the point 4.2.5 EN 14313:2009 + A1:2013
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: <b>ST(+) 95</b>	

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| 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. |
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Signed on behalf of the manufacturer:

Żarów, 29.04.2021



Janusz Tichoniuk, Managing Director



Wojciech Dźwigaj, Business Controller