

No. 04/4/B/2021

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| 1. | Unique identification code of the product-type: | ThermaEco FRZ HF - tubes 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
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 3 |
| 5. | Harmonized standard: | EN 14313+A1:2013-07 |
| 6. | Notified body or bodies: | 0751 FIW MÜNCHEN, 1234 Effectis, 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: E_i	
Acoustic absorption index	Structure-borne sound transmission: NPD Sound absorption: NPD	
Thermal resistance	Thermal conductivity (λ): Average Temperature [°C] 20 30 40 50 λ W/mK 0,038 0,039 0,040 0,041	
Water permeability	Water absorption: WS 005	
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	EN 14313+A1:2013-07
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 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: ST(+) 95	

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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, 21.04.2022

Janusz Tichoniuk, Managing Director

Cezary Naliwajek, Sales & Marketing Manager Insulation Europe


