

No. 08/2/B/2013

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| 1. Unique identification code of the product-type: | ThermaEco ZZ, DHZ - 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: | Thermaflez Izolacji Sp. z o.o., 58 – 130 Żarów, Poland
E-mail: biuro@thermaflez.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: | PN-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 ₁	
Acoustic absorption index	Structure-borne sound transmission: NPD Sound absorption: NPD	
Thermal resistance	Thermal conductivity (λ): Average Temperature [°C] 20 40 60 λ [W/m.K] 0,040 0,042 0,044	
Water permeability	Water absorption: WS 01	
Water vapour permeability	Water vapour diffusion resistance: NPD	
Compressive strength	Under normal conditions, polyethylene foam is not subjected to compressive stress PN-EN 14313+A1:2013-07 C.4).	
Rate of release of corrosive substances	Trace quantities of water soluble ions and pH-value: NPD	
Release of dangerous substances to indoor environment	Release of dangerous substances: NPD	PN-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 point 4.2.5 PN-EN 14313+A1:2013-07
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, 31.05.2023

Janusz Tichoniuk, Managing Director



Cezary Naliwajek, Sales & Marketing Manager Insulation Europe

