Declaration of Performance

No. 06/4/B/2021

1. Unique identification code of the product-type: **ThermaCompact IS, IS10 - 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(ThIBEII)
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: 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 performence:

Declared performance:

Essential characteristics	Performance		Harmonized technical specification
Reaction to fire Euroclass Characteristics	Reaction to fire: E_L		EN 14313+A1:2013-07
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**		
Continuous glowing combustion	Continuous glowing combustion: **NPD**		
Durability of reaction to fire against ageing/ degradation	Durability characteristics	They do not change with time -proven according to the point p. 4.2.5 EN 14313+A1:2013-07	
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		
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, 23.03.2021

Janusz Tichoniuk, Managing Director

Wojciech Dźwigaj, Business Controller