THERMAFLEX ®

Declaration of Performance

No. 03/1/B/2022

1. Unique identification code of the product-type: **Therma GO Elast** PEF-EN 14313-ST(+) 95-WS 005
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: 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 1
5. Harmonized standard: PN-EN 14313:2016
6. Notified body or bodies: 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: **C_L-s1, d0**								PN-EN 14313:2016
Dimensions and tolerances	dD = 9 – 25 mm								
Acoustic absorption index	Structure-borne sound transmission: **NPD** Sound absorption: **NPD**								
Thermal resistance	**Thermal conductivity (λ):** Average Temperature [°C]	10	20	30	40	50	60	70	
	λ W/mK	0,035	0,036	0,037	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								
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 EN 14313:2016							
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 May 2022

Janusz Tichoniuk
Managing Director

Cezary Nalwarek
Sales & Marketing Manager Insulation Europe