THERMAFLEX ®

Declaration of Performance

No. 02//B/2013 Rev. 3/2016

1. Unique identification code of the product-type: **ThermaSmart ENEV** PEF-EN 14313-ST(+) 95-WS 01
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 of the construction product as set out in Annex V: System 1
5. Harmonized standard: EN 14313:2009 + A1:2013
6. Notified body or bodies: 1454 Łukasiewicz Research Network - Institute of Mechanization of Construction and Rock Mining, Branch in Katowice 0751 FiW Munchen
7. Declared performence:

Declared performence									
Essential characteristics	**Performance**								**Harmonized technical specification**
Reaction to fire Euroclass Characteristics	Reaction to fire: **C_L-s1, d0**								EN 14313:2009 + A1:2013
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	0,034	0,035	0,036	-	0,038	0,039	0,040	
Water permeability	Water absorption: **WS 01 (0,05 < Wp ≤ 0,1 kg/m²)**								
Water vapour permeability	Water vapour diffusion resistance: **NPD**								
Compressive strength	**NPD**								
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 **C_L-s1, d0**								
Durability of thermal resistance to fire against ageing/ degradation	Maximum service temperature: **ST(+) 95 (= 95 °C)**								
Durability of reaction to fire against high temperature	Durability characteristics **C_L-s1, d0**								
Durability of thermal resistance to fire against high temperature	Maximum service temperature: **ST(+) 95 (= 95 °C)**								

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, 21.04.2022

Janusz Tichoniuk, Managing Director

Cezary Naliwajek, Sales & Marketing Manager Insulation Europe

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