

No. 1/B/2020

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| 1. Name and trade name of the construction product: | Polyethylene ThermaRod expansion cord |
| 2. Identification of the type of the construction product: | ThermaRod |
| 3. Intended use or uses: | Filling the space around doors and windows during installation |
| 4. Name and address of the manufacturer and production site of the product: | Thermaflex Izolacji Sp. z o.o., 58 – 130 Żarów, Poland
E-mail: biuro@thermaflex.com
Tel: +48748589666 |
| 5. Name and address of the authorised representative, where applicable: | Not applicable |
| 6. National system applied of assessment and verification of constancy of performance: | System 3 |
| 7. National technical specification: | |
| 7.a. National technical specification:
Name of accredited certification body, number of accreditation and number of national certificate or name of accredited laboratory/laboratories and number of accreditation: | Not applicable |
| 7.b. National technical specification:
Technical Assessment Body/National Technical Assessment Body:
Name of accredited certification body, number of accreditation and number of certificate: | Instytut Techniki Budowlanej ul. Filtrów 1, 00-611 Warsaw
ITB-KOT-2020/1322 Edition 1 |
| 8. Declared Performance: | |

Declared Performance

Essential characteristics of the construction product for the intended use or uses	Declared performance	Methodology of testing
Tensile strength [kPa]	≥250	PN-EN ISO 1798:2009 V= 500mm/min
Tensile elongation at break [%]	≥35	
Diffusion resistance, determined by the thickness of the air layer with equivalent diffusion resistance, S_d , m	≥20	PN-EN ISO 12572:2016
Water vapor permeability S_d [m]	23,30	PN-EN ISO 12572:2004
Air infiltration rate at pressure 1200 Pa, $m^3/(m^2 \cdot h \cdot daPa^2/3)$	≤0,1	PN-EN 1026:2016
Material compatibility with substrates: - wood - PVC - sandstone - brick - concrete	No visible changes in the weld surface	EAD 320001-00-0605

9. Declaration
- The performance of the product identified above is in conformity with all declared performance in point 8. This national declaration of performance is issued in accordance with the act on construction products dated 16 April 2004 under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by:

Żarów, dnia 21.04.2022

Janusz Tichoniuk, Managing Director

Cezary Naliwajek, Sales & Marketing Manager Insulation Europe


