

TECHNICAL
INSULATION

DECLARATION OF PERFORMANCE

Product name : CLIMAFLEX® naturefoam stabil

DoP Nr. : W1PEF300

Replace previous product brand CLIMAFLEX® Stabil

1. Unique identification code of the product-type:

| | | | | | |
|--|--|------------------------|--|--|--|
| | Unique identification code of the product-type: | W1PEF-003 | | | |
| | Thickness : | Inner diameter: | | | |
| | 4 mm | 15-42 mm | | | |
| | 9 mm | 15-42 mm | | | |
| | 13 mm | 15-42 mm | | | |
| | 20 mm | 15-42 mm | | | |
| | 25 mm | 15-42 mm | | | |

2. Intended use or uses:

Thermal Insulation for Building Equipment and Industrial Installations (ThIBEI)

3. Manufacturer:

NMC sa, Gert-Noël-Straße, B-4731 Eynatten

5. System or systems of assessment and verification of constancy of performance:

System 3

6a. Harmonized standard:

EN 14313:2009+A1:2013

6b. Notified bodies:

NB 1004 IBP / NB 0751 FIW / NB 0761 IBMB

7. Declared performance(s):

| | | | | | |
|---|--|--|--|--|--|
| | Unique identification code of the product-type: | W1PEF-003 | | | |
| Requirement / Characteristics from the mandate | Requirement clauses in the european Standard | Performances : levels or classes | | | |
| Reaction to fire Euroclass characteristics | 4.2.4 Reaction to fire | EI | | | |
| Acoustic absorption index | 4.3.7 Structure-borne sound transmission | NPD | | | |
| | 4.3.8 Sound absorption | NPD | | | |
| Thermal resistance | 4.2.1 Thermal conductivity | 0,036 at 0°C | | | |
| | | 0,040 at 40°C | | | |
| | | 0,043 at 60°C | | | |
| | | 0,045 at 70°C | | | |
| | 4.2.2. Dimensions and tolerances | See table 1 & 2 point 4.2.2.2. of the standard | | | |
| Water permeability | 4.3.4. Water absorption | WS005 | | | |
| Water vapour permeability | 4.3.4 Water absorption | WS005 | | | |
| | 4.3.5 Water vapour diffusion resistance | NPD | | | |
| Compressive strength | | a | | | |
| Rate of release of corrosive substances | 4.3.6. Trace quantities of water soluble ions & pH-value | NPD | | | |
| Release of dangerous substances to the indoor environment | 4.3.9. Release of dangerous substances | b | | | |
| Continuous glowing combustion | 4.3.10 Continuous glowing combustion | b | | | |
| Durability of reaction to fire against ageing/degradation | 4.2.5. Durability characteristics | c | | | |

| | | | | | |
|---|--|--|--|--|--|
| Durability of thermal resistance against ageing/degradation | 4.2.1. Thermal conductivity | d | | | |
| | 4.2.2. Dimensions and Tolerances | See table 1 & 2 point 4.2.2.2. of the standard | | | |
| | 4.2.3. Dimensional stability | See 4.3.2 | | | |
| | 4.2.5. Durability characteristics | d | | | |
| | 4.3.2. Maximum service temperature | ST (+) 100°C | | | |
| | 4.3.3. Minimum service temperature | ST (-) 0°C | | | |
| Durability of reaction to fire against high temperature | 4.2.5. Durability characteristics | c | | | |
| Durability of thermal resistance against high temperature | 4.2.5. Durability characteristics | d | | | |
| | 4.3.2. Maximum service temperature - dimensional stability | ST (+) 100°C | | | |

Note:

NPD: No Performance Determined

a: Compressive strength is not applicable for PEF products

b: At the time of edition of this product standard, no CE test standard is available

c: The fire performance of polyethylene foam does not change with time

d: The thermal conductivity of polyethylene foam does not change with time

The performances of the product identified above is in conformity with the declared performance. In accordance with Regulation (EU) No 305/2011, this declaration of performance is issued under the sole responsibility of the manufacturer.

Digital version of the Declaration of Performance is available on the website www.nmc-insulation.com/download.

Signed for and on behalf of the manufacturer by:

X. FISCHER
Quality Manager



Eynatten, 27-12-21

Gert-Noël-Straße, B - 4731 Eynatten