

DECLARATION OF PERFORMANCE

Product name: INSUL-TUBE® XT

DoP Nr.: W4FEF200

1. Unique identification code of the product-type:

| | unique identification code of the product-type: | W4FEF002(a) | W4FEF002(b) | | |
|--|---|-----------------|-------------|--|--|
| | Wall thickness : | Inner diameter: | | | |
| | 9 mm | 6-114 mm | | | |
| | 13 mm | 6-160 mm | | | |
| | 19mm | 10-160 mm | | | |
| | 25mm | 15-160 mm | | | |
| | 32mm | | 15-160 mm | | |

2. Intended use or uses:

Thermal Insulation for Building Equipment and Industrial Installations (ThIBEII)

3. Manufacturer:

NMC Polska Sp. z o.o., ul. Pyskowicka 15, 41-807 Zabrze, Polska

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

1 and 3

6. - Harmonized standard:

EN 14304:2009+A1:2013

- Notified bodies:

NB 1454, NB 0751, NB 1004, NB 1488

7. Declared performance(s):

| | unique identification code of the product-type: | W4FEF002(a) | W4FEF002(b) | | |
|--|---|--|--|--|--|
| Requirement / Characteristics from the mandate | Requirement clauses in the european Standard | Performances : levels or classes | Performances : levels or classes | | |
| Reaction to fire Euroclass characteristics | 4.2.4 Reaction to fire | B _L -s3,d0 | B _L -s3,d0 | | |
| Acoustic absorption index | 4.3.7 Structure-borne sound transmission | NPD | NPD | | |
| | 4.3.8 Sound absorption | NPD | NPD | | |
| Thermal resistance | 4.2.1 Thermal conductivity | 0,031 at -30°C | 0,031 at -30°C | | |
| | | 0,034 at 0°C | 0,035 at 0°C | | |
| | | 0,038 at 40°C | 0,040 at 40°C | | |
| | | 0,041 at 70°C | 0,043 at 70°C | | |
| | 4.2.2. Dimensions and tolerances | see table 1 point 4.2.2. of the standard | see table 1 point 4.2.2. of the standard | | |
| Water permeability | 4.3.4. Water absorption | WS01 | WS01 | | |
| Water vapour permeability | 4.3.5 Water vapour diffusion resistance | ≥ 10 000 | ≥ 7000 | | |
| Compressive strength | | a | a | | |

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|---|--|--|--|--|--|
| Requirement / Characteristics from the mandate | Requirement clauses in the european Standard | Performances : levels or classes | Performances : levels or classes | | |
| Rate of release of corrosive substances | 4.3.6. Trace quantities of water-soluble ions & pH-value | NPD | NPD | | |
| Release of dangerous substances to the indoor environment | 4.3.9. Release of dangerous substances | NPD | NPD | | |
| Continuous glowing combustion | 4.3.10 Continuous glowing combustion | b | b | | |
| Durability of reaction to fire against ageing/degradation | 4.2.5. Durability characteristics | c | c | | |
| Durability of thermal resistance against ageing/degradation | 4.2.1. Thermal conductivity | d | d | | |
| | 4.2.2. Dimensions and Tolerances | see table 1 point 4.2.2. of the standard | see table 1 point 4.2.2. of the standard | | |
| | 4.2.3. Dimensional stability | see 4.3.2 | see 4.3.2 | | |
| | 4.2.5. Durability characteristics | d | d | | |
| | 4.3.2. Maximum service temperature | ST (+) 85°C | ST (+) 85°C | | |
| | 4.3.3. Minimum service temperature | ST (-) 30°C | ST (-) 30°C | | |
| Durability of reaction to fire against high temperature | 4.2.5. Durability characteristics | c | c | | |
| Durability of thermal resistance against high temperature | 4.2.5. Durability characteristics | d | d | | |
| | 4.3.2. Maximum service temperature - dimensional stability | ST (+) 85°C | ST (+) 85°C | | |

Note:

NPD: No Performance Determined

a: Compressive strength is not applicable for FEF products

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

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

d: The thermal conductivity of elastomer 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:


Monika Oparowska
Zabrze, dn. 18-11-2020