

DECLARATION OF PERFORMANCE

Product name: AEROFLEX® (HT)

DoP Nr.: W4FEF700

1. Unique identification code of the product-type:

	unique identification code of the product-type:	W4FEF007			
	Wall thickness :	Inner diameter			
	6 mm	6-48			
	9 mm	6-165			
	13 mm	6-165			
	19 mm	6-165			
	25 mm	6-165			
	32 mm	15-165			
	38 mm	15-165			
	50 mm	22-165			

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

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

1+3

5. Harmonized standard:

EN 14304:2009+A1:2013

Notified bodies:

NB 0919

6. Declared performance(s):

	unique identification code of the product-type:	W4FEF007			
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	C ₁ -s2,d0			
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			
		0,037 at 10°C			
		0,040 at 40°C			
	4.2.2. Dimensions and tolerances	see table 1 point 4.2.2. of the standard			
Water permeability	4.3.4. Water absorption	NPD			
Water vapour permeability	4.3.5 Water vapour diffusion resistance	NPD			
Compressive strength		a			

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Requirement / Characteristics from the mandate	Requirement clauses in the european Standard	Performances : levels or classes			
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	NPD			
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 point 4.2.2. of the standard			
	4.2.3. Dimensional stability	DS(23,90)			
	4.2.5. Durability characteristics	d			
	4.3.2. Maximum service temperature	ST (+) 150°C			
	4.3.3. Minimum service temperature	ST (-) 50°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 (+) 150°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, 31-05-22

NMC Polska sp. z o. o.

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