

# DECLARATION OF PERFORMANCE

Product name: AEROFLEX® (HT) SHEET XT

DoP Nr.: W4FEF150

**1. Unique identification code of the product-type:**

	unique identification code of the product-type:	W4FEF015			
	Wall thickness :				
	3 mm				
	6 mm				
	9 mm				
	13 mm				
	16 mm				
	19 mm				
	25 mm				
	32 mm				
	38 mm				
	50 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

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

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**5. Harmonized standard:**

EN 14304:2009+A1:2013

**Notified bodies:**

NB 0919

**6. Declared performance(s):**

	unique identification code of the product-type:	W4FEF015			
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	D-s3,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			
		0,042 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			



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<b>Requirement / Characteristics from the mandate</b>	<b>Requirement clauses in the european Standard</b>	<b>Performances : levels or classes</b>			
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	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 (+) 85°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 (+) 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](http://www.nmc-insulation.com/download).**

Signed for and on behalf of the manufacturer by:

Monika Oparowska

Zabrze, 22-01-21

**NMC Polska sp. z o. o.**

ul. Pyskowicka 15 · 41-807 Zabrze

☎ +48 32 373 24 40

📠 +48 32 373 24 43

✉ [biuro@nmc.pl](mailto:biuro@nmc.pl)