



# DECLARATION OF PERFORMANCE

Product name: SANFLEX

DoP Nr.: W4-PEF-500

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

	<b>unique identification code of the product-type:</b>	<b>W4-PEF-005</b>			
	thickness :	inner diameter:			
	6 mm	12 – 35 mm			
	9 mm	12 – 89 mm			
	13 mm	12 – 125 mm			

**2. Intended use or uses:**

Thermal Insulation for Building Equipment and Industrial Installations (ThIBEII)

**3. Manufacturer:**

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

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

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**6. Harmonized standard:**

EN 14313:2009+A1:2013

**7. Notified bodies:**

NB 1486, NB 1454, NB 1004

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

	<b>unique identification code of the product-type:</b>	<b>W4-PEF-005</b>			
<b>Requirement / Characteristics from the mandate</b>	<b>Requirement clauses in the european Standard</b>	<b>Performances : levels or classes</b>			
Reaction to fire Euroclass characteristics	4.2.4 Reaction to fire	E			
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			
		0,045 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			



Requirement / Characteristics from the mandate	unique identification code of the product-type:	Performances : levels or classes			
	<b>W4-PEF-005</b>				
	<b>Requirement clauses in the european Standard</b>				
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

**9. 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:

X. FISCHER  
Quality Manager

Eynatten, 28-09-18  
NMC sa  
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