



DECLARATION OF PERFORMANCE

Product name: CLIMAFLEX® ROLL

DoP Nr.: W18PEF001

1. Unique identification code of the product-type:

	unique identification code of the product-type:	W18PEF001			
		Thickness :			
		5 mm – 27 mm			

2. Intended use or uses:

Thermal Insulation for Building Equipment and Industrial Installations (ThIBEII)

3. Manufacturer:

NMC Termonova Oy, Torppanummentie 44, 10210 Inkoo, Finland

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

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6 a. Harmonized standard:

EN 14313:2009+A1:2013

6 b. Organismes notifiés:

NB 0751 FIW / NB 1004 IBP / NB 1173 WFR Gent N.V.

8. Declared performance(s):

	unique identification code of the product-type:	W18PEF001			
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	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	0,039 at 0°C			
		0,045 at 40°C			
		0,051 at 90°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	WS010			
Water vapour permeability	4.3.4 Water absorption	WS010			
	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	Cl 15 - F10 – pH7,5			
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:

July 7, 2020

Henrita Holmqvist
Chemical Engineer