DECLARATION OF PERFORMANCE

Product name: **CLIMATUBE® wool**

DoP NR.: **W19MW101**

1. Unique identification code of the product-type:

	Unique identification code of the product-type:	**W19MW-001a**	**W19MW-001b**	
		Thickness:	**Thickness:**	
		20-40 mm	-	
		-	> 40 – 120 mm	

2. Intended use or uses:
   Thermal Insulation for Building Equipment and Industrial Installations (ThIBEII)

3. Manufacturer:
   NMC sa, Gert-Noël-Straße, B-4731 Eynatten

5. System or systems of assessment and verification of constancy of performance:
   Systems 1 and 3

6a. Harmonized standard:
   EN 14303:2009+A1:2013

6b. Notified bodies:
   NB 0432 (MPA NRW Dortmund) / NB 1322 (IBS Linz) / NB 0751

7. Declared performance(s):

	Unique identification code of the product-type:	W19WM-001a	W19MW-001b	
Requirement/Characteristics from the mandate	Requirement clauses in the european standard	Perfromances: levels of classes	Perfromances: levels of classes	
Reaction to fire Euroclass characterisitcs	4.2.4 Reaction to fire	A2l s1 d0	A2l s1 d0	
Acoustic absorption index	4.3.7 Structure-borne sound transmission			
	4.3.8 Sound absoprtion	NPD	NPD	
Thermal resistance	4.2.1 Thermal conductivity	0,034 at 10°C	0,035 at 10°C	
		0,037 at 40°C	0,038 at 40°C	
		0,055 at 150°C	0,055 at 150°C	
	4.2.2 Dimensions of tolerances	T8	T8	
Water permeability	4.3.4 Water absorption			
Water vapour permeability	4.3.4 Water absorption			
	4.3.5 Water vapour diffusion resistance	MV1	MV1	
Compressive strength		NPD	NPD	
Rate of release of corrosive substances	4.3.6 Trace quantities of water solube ions & pH-value	Cl10 – pH9,5	Cl10 – pH9,5	
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	NPD	NPD	
Durability of reaction to fire against ageing/degradation	4.2.5. Durability characteristics	NPD	NPD	
Durability of thermal resistance against ageing/degradation	4.2.1 Thermal conductivity	b	b	
	4.2.2 Dimensions and Tolerances	T8	T8	
	4.2.3 Dimension stability	ST (+) 250°C	ST (+) 250°C	
	4.2.5 Durability characteristics	b	b	
	4.3.2 Maximum service temperature			
	4.3.3 Minimum service temperature			
Durability of reaction to fire against high temperature	4.2.5 Durability characteristics	a	a	
Durability of thermal resistance against high temperature	4.2.5 Durability characteristics	b	b	
	4.3.2 Maximum service temperature – dimentional stability	ST (+) 250°C	ST (+) 250°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:

Y. BONNI
Quality Manager

Eynatten, 03/01/2025

Gert-Noël-Straße, B-4731 Eynatten