

TECHNICAL  
INSULATION

# DECLARATION OF PERFORMANCE

Product name : ISOTUBE

DoP Nr. : W19PUR100

1. Unique identification code of the product-type:

	<b>Unique identification code of the product-type:</b>	<b>W19PUR001</b>			
	<b>Thickness :</b>	<b>Inner diameter:</b>			
	20-50 mm	15-60 mm			

2. Intended use or uses:

Thermal Insulation for Building Equipment and Industrial Installations (ThIBELL)

3. Manufacturer:

NMC sa, Gert-Noël-Straße, B-4731 Eynatten

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

System 3

6a. Harmonized technical specification: ETA-20/0030

6b. Notified bodies:

NB 0751 / NB 1085 / NB 1322

7. Declared performance(s):

	<b>Unique identification code of the product-type:</b>	<b>W19PUR001</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	EL, 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	0,032 at 10°C			
		0,036 at 40°C			
		0,038 at 50°C			
	4.2.2. Dimensions and tolerances	Fullfilled			
Water permeability	4.3.4. Water absorption	NPD			
Water vapour permeability	4.3.4 Water absorption	NPD			
		4.3.5 Water vapour diffusion resistance	NPD		
Compressive strength		NPD			
Rate of release of corrosive substances	4.3.6. Trace quantities of water soluble ions & pH-value	Cl30 - pH7			
Release of dangerous substances to the indoor environment	4.3.9. Release of dangerous substances	a			
Continuous glowing combustion	4.3.10 Continuous glowing combustion	a			
Durability of reaction to fire against ageing/degradation	4.2.5. Durability characteristics	b			
Durability of thermal resistance against ageing/degradation	4.2.1. Thermal conductivity	c			
		4.2.2. Dimensions and Tolerances	Fullfilled		
	4.2.3. Dimentional stability	DS(TH)3			
	4.2.5. Durability characteristics	c			
	4.3.2. Maximum service temperature	ST (+) 140°C			

	.3.3. Minimum service temperature	ST (-) 0°C			
Durability of reaction to fire against high temperature	4.2.5. Durability characteristics	Fullfilled			
Durability of thermal resistance against high temperature	4.2.5. Durability characteristics	Fullfilled			
	4.3.2. Maximum service temperature - dimensional stability	ST (+) 140°C			

**Note:**

**NPD: No Performance Determined**

- a: At the time of edition of this product standard, no CE test standard is available
- b: The fire performance of rigid polyurethane foam does not change with time
- c: The thermal conductivity of rigid polyurethane 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:

Y. BONNI  
Quality Manager



Eynatten, 05-12-22

Gert-Noël-Straße, B - 4731 Eynatten