

DECLARATION OF PERFORMANCE

DoP No: W4PEF-017 Aeroflex® SH XT

1. **Unique identification code of the product-type:**
W4PEF-170
 2. **Intended use or uses:**
Thermal Insulation for Building Equipment and Industrial Installations (ThIBEI)
 3. **Manufacturer:**
Nmc Polska Sp. z o. o., 41-807 Zabrze, ul. Pyskowska 15
 4. **System or systems of assessment and verification of constancy of performance:**
3
 5. **Harmonized standard :**
EN 14304:2009+A1:2013
- Notified bodies:**
NB 1488, NB 0919
6. **Declared performance(s):**

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	0,035 at 0°C				
		0,035 at 10°C				
		0,038 at 40°C				
	4.2.2. Dimensions and tolerances					
		Wall thickness [mm]:		Inner dimension [mm]:		Lenght:
		d _D ≤ 8	± 1,0	D _i ≤ 100	+1 do +4	-1,5%
		8 < d _D ≤ 18	± 1,5	D _i > 100	+1 do +6	
		18 < d _D ≤ 31	± 2,5			
		d _D > 31	± 3,0			
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				
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				

Requirement / Characteristics from the mandate	Requirement clauses in the European Standard	Performances : levels or classes
Continuous glowing combustion	4.3.10 Continuous glowing combustion	NPD
Durability of reaction to fire against ageing/degradation	4.2.5. Durability characteristics	The product meets the requirements for this property, the characteristics does not change with time.
Durability of thermal resistance against ageing/degradation	4.2.1. Thermal conductivity	The product meets the requirements for this property, the characteristics does not change with time.
	4.2.2. Dimensions and Tolerances	As above
	4.2.3. Dimensional stability	DS(23,90)
	4.2.5. Durability characteristics	The product meets the requirements for this property, the characteristics does not change with time.
	4.3.2. Maximum service temperature	NPD
	4.3.3. Minimum service temperature	NPD
Durability of reaction to fire against high temperature	4.2.5. Durability characteristics	The product meets the requirements for this property, the characteristics does not change with time.
Durability of thermal resistance against high temperature	4.2.5. Durability characteristics	The product meets the requirements for this property, the characteristics does not change with time.
	4.3.2. Maximum service temperature - dimensional stability	NPD

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.

Signed for and on behalf of the manufacturer by:

Name and function

Certification and Lab Coordinator



MONIKA OPAROWSKA

Zabrze, 25-04-2024