



DECLARATION OF PERFORMANCE

DoP Nr. : W4W5FEF103

1. Unique identification code of the product-type:

W4W5FEF001

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:

AEROFLEX® FIRO

Batch and/or serial number: see label

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Thermal Insulation for Building Equipment and Industrial Installations (ThIBell)

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

Systems 1 and 3

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard :

Notified certification body No. 0919 performed, carried out the determination of the product type, the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of constancy of performance for reaction to fire. Notified testing laboratories No. 1454, 1004 & 0751 performed the test reports for the other relevant declared characteristics.

8. Declared performance according to EN14304:2015

<u>Characteristics</u>	<u>Performance</u>			
4.2.1 Thermal conductivity (W/m.K)	-30°C	0°C	40°C	70°C
6-25 mm	0,031	0,034	0,038	0,044
26-32 mm	0,032	0,035	0,040	0,046
4.2.2 Dimensions and tolerances	See standard for tolerances			
See label for nominal values of dimensions	See standard for tolerances			
4.2.3 Dimensional stability	See point 4.3.2			
4.2.4 Reaction to fire (Euroclass)	Euroclass			
<i>Thickness</i>	<i>Inner diameter</i>			<i>Euroclass</i>
6-32 mm	-			BL-s3-d0
4.2.5 Characteristics of durability	NPD			
4.3.2 Maximum service temperature	ST(+) 100°C			
4.3.3 Minimum service temperature	ST(-) -30°C			
4.3.4 Water absorption	WS01			
4.3.5 Water vapour diffusion resistance	MU 7000			
4.3.6 Trace quantities of water-soluble chloride ions and pH-value	NPD			
4.3.7 Structure-borne sound transmission	NPD			
4.3.8 Sound absorption	NPD			
4.3.9 Release of dangerous substances	NPD			
4.3.10 Continuous glowing combustion	NPD			



9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Justyna DZIADZIA

Intern Sales
Coordinator

A handwritten signature in blue ink, appearing to be 'JD' or similar, written over a light blue circular stamp.

Zabrze, 14-04-17

Ul. Pyskowicka 15, PL-41-807 Zabrze