

Declaration of Performance No.0751-CPR.2-043.0-01

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| Unique identification code of product type: | Aerofoam NBR |
| Intended use/es: | To be used as thermal insulation product for building equipment & industrial installations. (ThIBEII) |
| Manufacturer: | Hira Industries LLC, Al Ghail Industrial Area, Ras Al Khaimah, U.A.E |
| System of AVCP: | 1 |
| Harmonized standard: | EN 14304:2009+A1:2013 |
| Notified body/ies: | FIW Munchen No: 0751 |

| Essential characteristics | Performance | | | | | |
|---|---|----------------------------|------------------------|--------|-------|-------|
| Thermal resistance / Thermal conductivity | Tubes | $d_N \leq 32 \text{ mm}$ | °C | -10 °C | 0 °C | 10 °C |
| | Sheet | $d_N \leq 6-50 \text{ mm}$ | λ_v (W/m K) | 0.034 | 0.035 | 0.037 |
| Reaction to fire Euroclass | Tubes | $d_N \leq 32 \text{ mm}$ | B _L -s3,d0 | | | |
| | Sheet | $d_N \leq 6-50 \text{ mm}$ | B-s3,d0 | | | |
| Durability of thermal resistance against ageing / degradation | Dimensional stability ¹⁾ Minimum service temperature ST(-)50 (= -50 °C) | | | | | |
| Durability of thermal resistance against high temperatures | Maximum service temperature ST(+)110 (= 110 °C) | | | | | |
| Durability of reaction to fire against ageing / degradation | Durability characteristics ²⁾ | | | | | |
| Durability of reaction to fire against high temperature | Durability characteristics ²⁾ | | | | | |
| Water vapour permeability / Water vapour diffusion resistance | Tubes | ≥ 10000 | | | | |
| | Sheet | | | | | |

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|--|-------------------|
| Acoustic absorption index | NPD ³⁾ |
| Release of dangerous substances to indoor environment | NPD ³⁾ |
| 1) Thermal conductivity of flexible elastomeric foam does not change with time. 2) Fire performance of flexible elastomeric foam products does not change with time. 3) No performance determined (NPD). | |

The performance of the product identified above is in conformity with the set of declared performance/s. The declaration of performance is issued, in accordance with Regulation EU No. 305/2011, under sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by,

Tomasz Kulik, Global Technical and Marketing Manager



Signature