

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

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	$d_N \leq 32 \text{ mm}$	$^{\circ}\text{C}$	-10 $^{\circ}\text{C}$	0 $^{\circ}\text{C}$	10 $^{\circ}\text{C}$
	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 $^{\circ}\text{C}$)					
Durability of thermal resistance against high temperatures	Maximum service temperature ST(+)110 (= 110 $^{\circ}\text{C}$)					
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					

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