

DECLARATION OF PERFORMANCE

No. ENT/0922/4

1. Unique identification code of the product-type	ENTALPIA PE white/white; white/grey tubes class B
2. Intended use or uses	Polyethylene foam for building equipment and industrial installations
3. Producer	Entalpia Europe sp. z o. o. Rozmaitości 2 street 05-552 Łazy, Poland
4. Authorized representative	Not relevant
5. System or systems of assessment and verification of constancy of performance of construction product	System 3
6a. Harmonized standard, Notified certification body	PN-EN 14313+A1:2013-07 1454 Łukasiewicz Research Network Institute of Mechanised Construction and Rock Mining, Certification Office in Katowice, Poland.

7. Declared performance:

Declared Performance according to the mandate	Requirements of clauses in the European Standard	Levels and/or classes
Reaction to fire values according to the mandate	4.2.4 Reaction to fire	BL-s1, d0
Acoustic absorption index	4.3.7 Sound transmission	NPD
	4.3.8 Sound absorption	NPD

Declared Performance according to the mandate	Requirements of clauses in the European Standard	Levels and/or classes
Thermal resistance	4.2.1 Thermal conductivity	$\lambda_{10^{\circ}\text{C}} \leq 0,036 \text{ W}/(\text{m}^{\circ}\text{K})$ $\lambda_{10^{\circ}\text{C}} \leq 0,040 \text{ W}/(\text{m}^{\circ}\text{K})$
	4.2.2 Dimensional tolerances	See table 1 and 2 point 4.2.2.2. of standard
Water permeability	4.3.4 Water absorption	WS005
Water vapour permeability	4.3.5 Water vapour diffusion resisant	NPD
Comprehensive strenght	b	b
Rate of release of corrosive substances	4.3.6. Trace quantities of water-soluble chloride ions and the pH-values	Cl ⁻ <500ppm, pH = 7
	4.3.9. Release of dangerous substances	NPD
Continous glowing combustion	4.3.10 Continous glowing combustion	NPD
Durability of the thermal resistance against agening/ degradation reaction to fire	4.2.5 Durability characteristics	c
Durability of thermal resistance against agening/degradation thermal resistance	4.2.1 Dimensional characteristics	d
	4.2.2. Dimensional tolerances	NPD
	4.2.3. Dimensional stability	NPD
	4.2.5. Durability characteristics	d
	4.3.2. Maximum service temperature	ST (+) 95°C
	4.3.3. Minimum service temperature	ST (-) 40°C
Durability of reaction to fire against agening/degradation	4.2.5. Durability characteristics	c
Durability of reaction to fire against high temperature	4.2.5. Durability characteristics	d
	4.3.2. Dimensional stability at maximum service temperature	ST (+) 95°C

Comments:

NPD: No performance determined

a: Tests methods are under development

b: Not applicable for polyethylene foam products

c: The fire performance of polyethylene foam products does not change with time

d: The thermal conductivity of polyethylene foam products does not change with time

7. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer specified above.

Łazy, 10 December 2025,

Signed on behalf of the manufacturer:
Zhang Weining – Member of the Board



(signature)