

DECLARATION OF PERFORMANCE

Nr ICOOL/0226/1

1. Unique identification code of the product-type:	<i>ICOOL PE white/white; white/grey tubes class B</i>
2. Intended use or uses	<i>Polyethylene foam for building equipment and industrial installations</i>
3. Producer	<i>Ningbo King Kong Climate Technology Co., Ltd. No.41 Xingye Road, Xiaocao'e Town, Yuyao City, 315475 Ningbo, Zhejiang, China</i>
4. Authorized representative	<i>Icool International (HongKong) Limited Unit 02, 9/F., The Broadway, No. 54- 62 Lockhart Road, Wanchai, Hong Kong</i>
5. System or systems of assessment and verification of constancy of performance of construction product	<i>System 1&3</i>
6a. Harmonized standard, Notified certification body	<i>EN 14313:2009+A1:2013 Notified certification body No 0751 Forschungsinstitut für Wärmeschutz e.V. 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. Notified testing laboratory No 0497 CSI SpA, issued the certificate of constancy of performance for reaction to fire.</i>

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, do
Acoustic absorption index	4.3.7 Sound transmission	NPD
	4.3.8 Sound absorption	NPD
Thermal resistance	4.2.1 Thermal conductivity	$\lambda_{10^\circ\text{C}} \leq 0,036 \text{ W/(m}^\circ\text{K)}$ $\lambda_{40^\circ\text{C}} \leq 0,040 \text{ W/(m}^\circ\text{K)}$
	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 resistance	NPD

Declared Performance according to the mandate	Requirements of clauses in the European Standard	Levels and/or classes
Compressive strength	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
Continuous glowing combustion	4.3.10 Continuous glowing combustion	NPD
Durability of the thermal resistance against ageing/degradation reaction to fire	4.2.5 Durability characteristics	c
Durability of thermal resistance against ageing/degradation thermal resistance	4.2.1 Durability 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 (+)100°C
	4.3.3. Minimum service temperature	ST (-)0°C
Durability of reaction to fire against ageing/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 (+)100°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

8. Appropriate Technical Documentation or Specific Technical Documentation:

The performance of the product specified above is in conformity with the declared performance in point 7. This declaration on performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed on behalf of the manufacturer:

Ningbo, date: 2026.02.10

文科国际(香港)有限公司
ICOOL INTERNATIONAL (HONGKONG) LIMITED

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