

## Declaration of Performance

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| No.:   | DoP PE AB 001   |
| 1. Unique identification code of the product-type: | PEF Kaifoam PE AB   |
| 2. Intended use/es:                                | Thermal insulation for technical building equipment an industrial installations (ThIBEII) |
| 3. Manufacturer:                                   | Kaimann GmbH<br>Hansastraße 2-5<br>D-33161 Hövelhof                                       |
| 4. System/s of AVCP                                | 3   |
| 5. Harmonised standard:                            | Declaration of performance according to product standard EN 14313:2009+A1:2013            |
| Notified body/ies:                                 | ofi Wien (NB 1085), System 3  |
| 6. Declared performance/s:                         |   |

Essential Features		Performance	
Reaction to fire euroclass-characteristics	Reaction to fire		E <sub>L</sub>
Acoustic absorption index	Structure-borne noise transmission Acoustic absorption		NPD
Thermal resistance	Thermal conductivity Dimensions and limits		°C W/(m·K) 10 °C 0,040
Water permeability	Water absorption		WS005 ( $W_p \leq 0,05 \text{ kg/m}^2$ )
Water vapour permeability	Water vapour diffusion resistance		MU 7000
Release of corrosive substances	Minor amounts of water soluble chlorides and pH- value		NPD
Release of dangerous substances to indoor environment	Release of dangerous substances		NPD <sup>a</sup>
Continuous glowing combustion	Continuous glowing combustion		NPD
Durability of reaction to fire against ageing/degradation	Durability characteristics <sup>b</sup>		
Durability of thermal resistance against ageing/degradation	Durability characteristics <sup>c</sup>		
	Maximum service temperature		ST(+) 90 °C
	Minimum service temperature		ST(-) 0 °C
Durability of reaction to fire Against high temperature	Durability characteristics <sup>b</sup>		
Durability of thermal resistance against high temperature	Durability characteristics <sup>c</sup>		

a No test method yet adopted.  
b The fire performance of polyetylen based foam does not change with time.  
c The thermal conductivity of polyetylen based foam does not change with time.  
NPD = No Performance Determined

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

Signed for and on behalf of the manufacturer by:

Andrea Trox, Head of Quality Management



Hövelhof, 24.10.2022