

Declaration of Performance

No.: DoP PE RO 11082022001

1. Unique identification code of the product-type: PEF Kaifoam PE RO

2. Intended use/es: Thermal insulation for technical building equipment and industrial installations (ThIBEII)

3. Manufacturer: Kaimann GmbH
Hansastraße 2-5
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: MPA NRW Dortmund (NB 0432), ofi Wien (NB 1085), MA39 Wien (NB 1140), IBS Linz (NB 1322), ECOLABOR (NB 1728), System 1

6. Declared performance/s:

Essential Features		Performance	
Reaction to fire euroclass-characteristics	Reaction to fire		EL
Acoustic absorption index	Structure-borne noise transmission Acoustic absorption		NPD
Thermal resistance	Thermal conductivity Dimensions and limits	°C	40 °C
		W/(m·K)	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		Cl 20 - pH8
Release of dangerous substances to indoor environment	Release of dangerous substances		NPD ^a
Continuous glowing combustion	Continuous glowing combustion		NPD
Durability of reaction to fire against ageing/degradation	Durability characteristics ^b		
Durability of thermal resistance against ageing/degradation	Durability characteristics ^c		
	Maximum service temperature		ST(+) 100 °C
	Minimum service temperature		ST(-) 20 °C
Durability of reaction to fire Against high temperature	Durability characteristics ^b		
Durability of thermal resistance against high temperature	Durability characteristics ^c		

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, 11/08/2022