

Declaration of Performance

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| No.: | DoP PE RO 15032021001 |
| 1. Unique identification code of the product-type: | PEF Kaifoam PE RO |
| 2. Intended use/es: | Thermal insulation for technical building equipment an industrial installations (ThIBEII) |
| 3. Manufacturer: | Kaimann GmbH
Hansastraße 2-5
D-33161 Hövelhof |
| 4. Authorised representative: | Not relevant |
| 5. System/s of AVCP | 1+3 |
| 6. a. 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 |
| b. European Assessment Document: | Not relevant |
| 7. Declared performance/s: | |

Essential Features		Performance	
Reaction to fire euroclass-characteristics	Reaction to fire		CL-s1, d0
Acoustic absorption index	Structure-borne noise transmission Acoustic absorption		
		NPD	
		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

8. Appropriate Technical Documentation and/or Specific Technical Documentation: 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:

Jesko Adler, CIO / Head of Quality



Hövelhof, 15/03/2021