

Declaration of Performance

- No.: DoP PE 09062022001
1. Unique identification code of the product-type: PEF Kaifoam PE
2. Intended use/es: Thermal insulation for technical building equipment and industrial installations (ThIBell)
3. Manufacturer: Kaimann GmbH
Hansastraße 2-5
D-33161 Hövelhof
4. System/s of AVCP 1+3
5. 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
6. Declared performance/s:

Essential Features		Performance	
Reaction to fire euroclass-characteristics	Reaction to fire	Tube:	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 3000
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	PE PE SK	ST(+) 100 °C ST(+) 85 °C
	Minimum service temperature		ST(-) 0 °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

A. Trox

Hövelhof, 10/06/2022