Declaration of Performance

No.:	DoP EPDMplus 01032018001
Unique identification code of the product-type:	FEF Kaiflex EPDMplus
1. Intended use/es:	Thermal insulation for technical building equipment an industrial installations (ThIBEII)
2. Manufacturer:	Kaimann GmbH Hansastraße 2-5 D-33161 Hövelhof
3. Authorised representative:	Not relevant
4. System/s of AVCP	3
5. a. Harmonised standard:	Declaration of performance according to product standard EN 14304:2009+A1:2013
Notified body/ies:	0751 “Forschungsinstitut für Wärmeschutz e.V. München”
b. European Assessment Document:	Not relevant

6. Declared performance/s:

Essential Features		Performance				
Reaction to fire euroclass-characteristics	Reaction to fire	Sheet: d_N= 3 - 32 mm Tube: d_N= 10 - 32 mm	E E_L			
Acoustic absorption index	Structure-borne noise transmission Acoustic absorption		NPD			
Thermal resistance	Thermal conductivity Dimensions and limits	Sheet: d_N= 3 - 32 mm Tube: d_N= 10 - 32 mm	°C W/(m•K)	-10 °C 0,037	0 °C 0,038*	10 °C 0,039
Water permeability	Water absorption		WS01 ($W_p \leq 0,1$ kg/m^2)			
Water vapour permeability	Water vapour diffusion resistance	Sheet: d_N= 3 - 32 mm Tube: d_N= 10 - 32 mm	MU 4.500 ($\mu \geq 4.500$)			
Release of corrosive substances	Minor amounts of water soluble chlorides and pH-value		NPD			
Release of dangerous sub-stances to indoor environ-ment	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	Sheet: d_N= 3 - 32 mm Tube: d_N= 10 - 32 mm Tape: d_N= 3 mm	ST(+) 150 °C ST(+) 150 °C ST(+) 90 °C			
	Minimum service temperature	Sheet: d_N= 3 - 32 mm Tube: d_N= 10 - 32 mm Tape: d_N= 3 mm	ST(-) -50 °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 flexible elastomeric foam does not change with time.
c The thermal conductivity of flexible elastomeric foam does not change with time.
NPD = No Performance Determined
*$\lambda_\vartheta \leq 0,038 + 8,0 \cdot 10^{-5}\,\vartheta + 7,0 \cdot 10^{-7}\,\vartheta^2$

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7. 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 indentified above.

Signed for and on behalf of the manufacturer by:

Jesko Adler, CIO / Head of Quality

Hövelhof, 30/04/2020

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