Declaration of Performance

No.: DoP ST 001

1. Unique identification code of the product-type: FEF Kaiflex ST
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. System/s of AVCP 1
5. Harmonised standard: Declaration of performance according to product standard EN 14304:2009+A1:2013

   Notified body/ies: 0751 “Forschungsinstitut für Wärmeschutz e.V. München”
6. Declared performance/s:

Essential Features		**Performance**				
Reaction to fire euroclass-characteristics	Reaction to fire	Sheet: d_N= 3 - 50 mm	B-s3, d0			
Acoustic absorption index	Structure-borne noise transmission Acoustic absorption		NPD			
Thermal resistance	Thermal conductivity Dimensions and limits	Sheet: d_N= 3 - < 32 mm Sheet: d_N= ≥ 32 mm	°C W/(m•K) W/(m•K)	-10 °C 0,032 0,035	0 °C 0,033* 0,036**	10 °C 0,034 0,037
Water permeability	Water absorption		WS01 (W_p ≤ 0,1 kg/m^2)			
Water vapour permeability	Water vapour diffusion resistance	Sheet: d_N= 3 - < 32 mm Sheet: d_N= ≥ 32 mm	MU 10.000 (μ ≥ 10.000) MU 7.000 (μ ≥ 7.000)			
Release of corrosive substances	Minor amounts of water soluble chlorides and pH- value		500/7			
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	Sheet: d_N= 3 - 50 mm	ST(+) 85 °C			
	Minimum service temperature	Sheet: d_N= 3 - 50 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
*$\lambda_\vartheta \leq 0{,}033 + 7{,}1316 \cdot 10^{-5}\,\vartheta + 1{,}2533 \cdot 10^{-6}\,\vartheta^2$ | **$\lambda_\vartheta \leq 0{,}036 + 7{,}1316 \cdot 10^{-5}\,\vartheta + 1{,}2533 \cdot 10^{-6}\,\vartheta^2$

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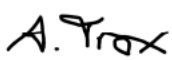
The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer indentified above.

Signed for and on behalf of the manufacturer by:

Andrea Trox, Head of Quality Management



Hövelhof, 21.11.2022

Kaimann GmbH
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