Declaration of Performance

No.: DoP HT s2 01032021001

1. Unique identification code of the product-type: FEF Kaiflex HT s2
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
6. 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
7. Declared performance/s:

Essential Features		Performance							
Reaction to fire euroclass-characteristics	Reaction to fire	Tube:	C_L-s2, d0						
Acoustic absorption index	Structure-borne noise transmission Acoustic absorption		NPD						
Thermal resistance	Thermal conductivity Dimensions and limits		°C	30	40	50	60	70	80
			W/(m•K)	0,039	0,040	0,041	0,042	0,044	0,046
Water permeability	Water absorption		WS01 ($W_p \leq 0,1$ kg/m^2)						
Water vapour permeability	Water vapour diffusion resistance		NPD						
Release of corrosive substances	Minor amounts of water soluble chlorides and pH-value		300/7						
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	Tube:	ST(+) 110 °C						
	Minimum service temperature	Tube:	As typical for heating and sanitary systems						
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
$\lambda_\vartheta \leq + 0{,}038850 - 3{,}9643 \cdot 10^{-5}\,\vartheta + 1{,}607 \cdot 10^{-6}\,\vartheta^2$

Kaimann GmbH
Hansastraße 2-5 · 33161 Hövelhof · Germany · Tel.: +49 5257 9850-0 · Fax: +49 5257 9850-590 · E-Mail: info@kaimann.com · www.kaimann.com

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 indentified above.

Signed for and on behalf of the manufacturer by:

Jesko Adler, CIO / Head of Quality

Hövelhof, 01/03/2021

Kaimann GmbH
Hansastraße 2-5 · 33161 Hövelhof · Germany · Tel.: +49 5257 9850-0 · Fax: +49 5257 9850-590 · E-Mail: info@kaimann.com · www.kaimann.com