

# DECLARATION OF PERFORMANCE

## IKO enertherm ALU

- 1 Unique identification code of the product type: **IKO enertherm ALU (UK)**
- 2 Intended use: **Thermal insulation for buildings**
- 3 Manufacturer: **IKO Insulations BV - Wielewaalweg 3 - NL- 4791 PD Klundert, Netherlands**  
Tel. +31 168 331 400 - Website: [www.ikodop.eu](http://www.ikodop.eu) - Email: [info@enertherm.eu](mailto:info@enertherm.eu)
- 4 AVCP system: **System 3**
- 5 Harmonised standard: **EN 13165:2012 + A2:2016**  
Notified Bodies: **BBA (0836), SGS Intron (1939), WFRGent (1173)**
- 6 **DECLARED PERFORMANCES**

Essential characteristics	Performance	hEN technical specification
Reaction to fire	E	EN 13501-1
Reaction to fire (end-use)	B-s2,d0 (steel deck) dN 40 - 120mm	EN 15715, Table 5 no.3
Thermal Conductivity ( $\lambda_D$ W/(mK))	0,022	Annex C EN 13165:2012 + A2:2016
Thermal Resistance ( $R_D$ m <sup>2</sup> .K/W)	D <sub>N</sub> 30 mm      1,35	EN 13165:2012 + A2:2016
	D <sub>N</sub> 200 mm      9,05	
Thickness tolerance	T2	EN 823
Dimensional stability under specified temperature and humidity conditions	DS (70,90)3 DS (-20,-)1	EN 1604
Deformation under specified compressive load and temperature conditions	DLT(2)5	EN 1605
Compressive creep	NPD	EN 1606
Tensile strength perpendicular to faces	TR80	EN 1607
Compressive strength	CS(10Y)175	EN 826
Long term water absorption by total immersion	WL(T)1	EN 12087
Short-term water absorption with partial immersion	NPD	EN 1609
Flatness after one-sided wetting	NPD	EN 825
Water vapor permeability	NPD	EN 12086
Acoustic absorption	NPD	EN ISO 354
Continuous glowing combustion	NPD	-
Durability of fire reaction against heat, weathering, aging / degradation	Reaction to fire does not change with time	-
Release of dangerous substances to the indoor environment	NPD	-

NPD (no performance declared)

- 7 The performances of the product identified above are in conformity with the declared performances. This declaration of performance is issued under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by

Klundert, 30/04/2019  
(place and date)



Marleen Baes, European certification manager  
(name and function)