Declaration of Performance

No. CZ0001-005

1	**Unique identification code of the product-type**		S01 01
	Product/s:		**Isover UNI** **Isover AKU**
2	**Intended use or uses:**		Thermal insulation for buildings (ThIB)
3	**Manufacturer:**		**Saint - Gobain Construction Product CZ a.s.** **Smrčkova 2485/4, 180 00 Prague 8 – Libeň** **Czech Republic** **IČO: 25029673, DIČ: CZ 25029673**
4	**Authorised representative:**		not relevant
5	**Systém/s of AVCP:**		System 1 System 3
6	**Notified body/ies:**	**1023**	Institut pro testování a certifikaci a.s.
	Harmonised standard:		EN 13162:2012+A1:2015

Essential characteristics	Performance		Unit	Declared performance
Reaction to fire	Reaction to fire	RtF	Euroclass	A1
Realease of Dangerous Substances	Realease of Dangerous Substances	-	-	NPD
Acoustic absorption index	Sound absorption	-	-	NPD
Impact Noise Transmission Index	Dynamic stiffness	s'	MN/m³	NPD
	Thickness	d_L	mm	NPD
	Compressibility	c	mm	NPD
	Air flow resistivity	AF_r	kPa.s/m²	NPD
Direct airborne sound insulation index	Air flow resistivity	AF_r	kPa.s/m²	NPD
Continous glowing combustion	Continous glowing combustion	-	-	NPD
Thermal Resistance	Thermal Resistance	R_D	m² K/W	a)
	Thermal Conductivity	λ_D	W/m K	0,035
	Thickness	d_N	mm	40-100 (Isover AKU) 40-200 (Isover UNI)
	Thickness Class	T	Class	T4
Water Permeability	Short term Water absorption	W_p	kg/m²	NPD
	Long term water absorption	W_{lp}	kg/m²	NPD
Water vapour permeability	Water vapour transmission	MU	-	1
Compressive strength	Compressive stress or compressive strength	CS	kPa	NPD
	Point Load	F_p	N	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	Reaction to fire	RtF	Euroclass	A1
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal Resistance	R	m² K/W	a)
	Thermal Conductivity	λ	W/m K	0,035
	Durability Characteristics	d	mm	NPD
Tensile/Flexural strength	Tensile Strength perpendicular to faces	TR	kPa	NPD
Durability of compressive strength against heat, weathering, ageing/degradation	Compressive creep	Xct, Xt	mm	NPD

a) The parameter R is valid for the thickness of the product, range of thickness and thermal resistance - see product data sheet on the web www.isover.cz

Table 2

Isover AKU

Thickness [mm]	Length × width [mm]	Volume per package [pcs]	Volume per package [m²]	Volume per package [m³]	Quantity per pallet [m²]	Declared thermal resistance R_D [m²·K·W⁻¹]
40	1 000 × 625	12	7.500	0.30	150.00	1.10
50	1 000 × 625	10	6.250	0.31	137.50	1.40
60	1 000 × 625	8	5.000	0.30	100.00	1.70
70	1 000 × 625	6	3.750	0.26	97.50	2.00
80	1 000 × 625	6	3.750	0.30	75.00	2.25
90	1 000 × 625	5	3.125	0.28	68.75	2.55
100	1 000 × 625	5	3.125	0.30	68.75	2.85

Isover UNI

Thickness [mm]	Length × width [mm]	Volume per package [pcs]	Volume per package [m²]	Volume per package [m³]	Quantity per palett [m²]	Declared thermal resistance R_D [m²·K·W⁻¹]
40	1 200 × 600	12	8.64	0.35	198.72	1.10
50	1 200 × 600	10	7.20	0.36	165.60	1.40
60	1 200 × 600	8	5.76	0.35	132.48	1.70
80	1 200 × 600	6	4.32	0.35	99.36	2.25
100	1 200 × 600	5	3.60	0.36	82.80	2.85
120	1 200 × 600	4	2.88	0.35	66.24	3.40
140	1 200 × 600	3	2.16	0.30	56.16	4.00
150	1 200 × 600	3	2.16	0.33	51.84	4.25
160	1 200 × 600	3	2.16	0.35	49.68	4.55
180	1 200 × 600	2	1.44	0.26	41.76	5.10
200	1 200 × 600	2	1.44	0.29	37.44	5.70

Specification code: MW-EN 13162-T4-DS(70,-)-MU1

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

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Plant director *Function*	Signature	17.4.2024 Date	e-mail: info@isover.cz, www.isover.cz