

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. Smrčková 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:	1390 Centrum stavebního inženýrství a.s. Praha
	Harmonised standard:	EN 13162:2012+A1:2015

Essential characteristics	Performance		Unit	Declared performance
Reaction to fire	Reaction to fire	RtF	Euroclass	A1
Release of Dangerous Substances	Release of Dangerous Substances	-	-	NPD
Acoustic absorption index	Sound absorption	-	-	NPD
Impact Noise Transmission Index	Dynamic stiffness	s'	MN/m ³	NPD
	Thickness	d _L	mm	NPD
	Compressibility	c	mm	NPD
	Air flow resistivity	AF _r	kPa.s/m ²	NPD
Direct airborne sound insulation index	Air flow resistivity	AF _r	kPa.s/m ²	NPD
Continous glowing combustion	Continous glowing combustion	-	-	NPD
Thermal Resistance	Thermal Resistance	R _D	m ² K/W	a)
	Thermal Conductivity	λ _D	W/m K	0,035
	Thickness	d _N	mm	40-200 (Isover UNI) 40-100 (Isover AKU)
	Thickness Class	T	Class	T4
Water Permeability	Short term Water absorption	W _p	kg/m ²	NPD
	Long term water absorption	W _{lp}	kg/m ²	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	m ² 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 Table 2 or product data sheet on the web www.isover.cz

Table 2

Thickness [mm]	40	50	60	80	100	120	140	150	160	180	200
Length x width [mm]	1200 x 600										
Volume per package [m ³]	12	10	8	6	5	4	3	3	3	2	2
Quantity per palette [m ²]	8.64	7.20	5.76	4.32	3.60	2.88	2.16	2.16	2.16	1.44	1.44
Declared thermal resistance R _D [m ² K/W ²]	0.35	0.36	0.35	0.35	0.36	0.35	0.30	0.33	0.35	0.26	0.29
Quantity per palette [m ²]	198.72	165.60	132.48	99.36	82.80	66.24	56.16	51.84	49.68	41.76	37.44

Thickness [mm]	40	50	60	70	80	90	100
Length x width [mm]	1000 x 625						
Volume per package [m ³]	12	10	8	6	6	5	5
Quantity per palette [m ²]	7.500	6.250	5.000	3.750	3.750	3.125	3.125
Declared thermal resistance R _D [m ² K/W ²]	0.30	0.31	0.30	0.26	0.30	0.28	0.31
Quantity per palette [m ²]	150.00	137.50	100.00	97.50	75.00	68.75	68.75

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.

Jiří Šulák Name		Častolovice Place	
Plant director Function	Signature	1.9.2020 Date	e-mail: info@isover.cz , www.isover.cz