

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
Realease of Dangerous Substances	Realease 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	160	180	200
Length × width [mm]	1200 × 600									
Volume per package [ks]	12	10	8	6	5	4	3	3	2	2
Volume per package [m ³]	8,64	7,20	5,76	4,32	3,60	2,88	2,16	2,16	1,44	1,44
	0,35	0,36	0,35	0,35	0,36	0,35	0,30	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	49,68	41,76	37,44
Declared thermal resistance R _D [m ² ·K·W ⁻¹]	1,10	1,40	1,70	2,25	2,85	3,40	4,00	4,55	5,10	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.

Jiří Šulák Name		Častolovice Place	
Plant director Function	Signature	1.5.2018 Date	e-mail: info@isover.cz , www.isover.cz