

1	Unique identification code of the product-type	S01 01
	Product/s:	<b>Isover UNI</b> <b>Isover AKU</b>
2	Intended use or uses:	Thermal insulation for buildings (ThB)
3	Manufacturer:	<b>Saint - Gobain Construction Product CZ a.s.</b> <b>Smrčkova 2485/4, 180 00 Prague 8 – Libeň</b> <b>Czech Republic</b> <b>IČO: 25029673, DIČ: CZ 25029673</b>
4	Authorised representative:	not relevant
5	System/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 <sup>3</sup>	NPD
	Thickness	d <sub>L</sub>	mm	NPD
	Compressibility	c	mm	NPD
	Air flow resistivity	AF <sub>r</sub>	kPa.s/m <sup>2</sup>	NPD
Direct airborne sound insulation index	Air flow resistivity	AF <sub>r</sub>	kPa.s/m <sup>2</sup>	NPD
Continous glowing combustion	Continous glowing combustion	-	-	NPD
Thermal Resistance	Thermal Resistance	R <sub>D</sub>	m <sup>2</sup> K/W	a)
	Thermal Conductivity	λ <sub>D</sub>	W/m K	0,035
	Thickness	d <sub>N</sub>	mm	40-200 (Isover UNI) 40-100 (Isover AKU)
	Thickness Class	T	Class	T4
Water Permeability	Short term Water absorption	W <sub>p</sub>	kg/m <sup>2</sup>	NPD
	Long term water absorption	W <sub>lp</sub>	kg/m <sup>2</sup>	NPD
Water vapour permeability	Water vapour transmission	MU	-	1
Compressive strength	Compressive stress or compressive strength	CS	kPa	NPD
	Point Load	F <sub>p</sub>	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 <sup>2</sup> 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](http://www.isover.cz)

Table 2

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

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Plant director Function	Signature	15.7.2019 Date	e-mail: <a href="mailto:info@isover.cz">info@isover.cz</a> , <a href="http://www.isover.cz">www.isover.cz</a>