

<b>1</b>	Unique identification code of the product-type	S01 01
	Product/s:	<b>Isover UNI</b> <b>Isover AKU</b>
<b>2</b>	Intended use or uses:	Thermal insulation for buildings (ThIB)
<b>3</b>	Manufacturer:	<b>Saint - Gobain Construction Product CZ a.s.</b> <b>Smrčková 2485/4, 180 00 Prague 8 – Libeň</b> <b>Czech Republic</b> <b>IČO: 25029673, DIČ: CZ 25029673</b>
<b>4</b>	Authorised representative:	not relevant
<b>5</b>	Systém/s of AVCP:	System 1 System 3
<b>6</b>	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
Release of Dangerous Substances	Release of Dangerous Substances	-	-
Acoustic absorption index	Sound absorption	-	-
Impact Noise Transmission Index	Dynamic stiffness	s'	MN/m <sup>3</sup>
	Thickness	d <sub>L</sub>	mm
	Compressibility	c	mm
	Air flow resistivity	AF <sub>r</sub>	kPa.s/m <sup>2</sup>
Direct airborne sound insulation index	Air flow resistivity	AF <sub>r</sub>	kPa.s/m <sup>2</sup>
Continous glowing combustion	Continous glowing combustion	-	-
Thermal Resistance	Thermal Resistance	R <sub>D</sub>	m <sup>2</sup> K/W
	Thermal Conductivity	λ <sub>D</sub>	W/m K
	Thickness	d <sub>N</sub>	mm
	Thickness Class	T	Class
Water Permeability	Short term Water absorption	W <sub>p</sub>	kg/m <sup>2</sup>
	Long term water absorption	W <sub>lp</sub>	kg/m <sup>2</sup>
Water vapour permeability	Water vapour transmission	MU	-
Compressive strength	Compressive stress or compressive strength	CS	kPa
	Point Load	F <sub>p</sub>	N
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
	Thermal Conductivity	λ	W/m K
	Durability Characteristics	d	mm
Tensile/Flexural strength	Tensile Strength perpendicular to faces	TR	kPa
Durability of compressive strength against heat, weathering, ageing/degradation	Compressive creep	Xct, Xt	mm

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	150	160	180	200
Length x width [mm]	1200 x 600										
Volume per package [m <sup>3</sup> ]	12	10	8	6	5	4	3	3	3	2	2
Quantity per palette [m <sup>2</sup> ]	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 <sub>D</sub> [m <sup>2</sup> K/W]	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 <sup>2</sup> ]	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 <sup>3</sup> ]	12	10	8	6	6	5	5
Quantity per palette [m <sup>2</sup> ]	7.500	6.250	5.000	3.750	3.750	3.125	3.125
Declared thermal resistance R <sub>D</sub> [m <sup>2</sup> K/W]	0.30	0.31	0.30	0.26	0.30	0.28	0.31
Quantity per palette [m <sup>2</sup> ]	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.

<b>Jiří Šulák</b> Name  <b>Plant director</b> Function	 Signature	<b>Častolovice</b> Place  <b>1.9.2021</b> Date	 e-mail: <a href="mailto:info@isover.cz">info@isover.cz</a> , <a href="http://www.isover.cz">www.isover.cz</a>
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