

# Declaration of Performance

No. CZ0001-018

1 Unique identification code of the product-type

S01 06

Product/s:

Isover PYRO

2 Intended use or uses:

Thermal insulation for buildings (ThIB)

3 Manufacturer:

Saint-Gobain Construction Products 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:

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
	Dynamic stiffness	s'	MN/m³	NPD
Impact Noise Transmission Index	Thickness	d <sub>t</sub>	mm	NPD
	Compressibility	c	mm	NPD
	Air flow resistivity	AF <sub>r</sub>	kPa.s/m²	NPD
Direct airborne sound insulation index	Air flow resistivity	AF <sub>r</sub>	kPa.s/m²	NPD
Continous glowing combustion	Continous glowing combustion	-	-	NPD
Thermal Resistance	Thermal Resistance	R <sub>0</sub>	m² K/W	a)
	Thermal Conductivity	λ <sub>0</sub>	W/m K	0,039
	Thickness	d <sub>N</sub>	mm	20-100
	Thickness Class	T	Class	T5
Water Permeability	Short term Water absorption	W <sub>p</sub>	kg/m²	1
	Long term water absorption	W <sub>lp</sub>	kg/m²	3
Water vapour permeability	Water vapour transmission	MU	-	1
Compressive strength	Compressive stress or compressive strength	CS	kPa	80
	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	m² K/W	a)
	Thermal Conductivity	λ	W/m K	0,039
	Durability Characteristics	d	mm	NPD
Tensile/Flexural strength	Tensile Strength perpendicular to faces	TR	kPa	7,5
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](http://www.isover.cz)

Table 2

Thickness (mm)	mm	20	40	60	100
Thermal resistance R <sub>0</sub>	m²K/W	0,51	1,03	1,54	2,56

Specification code:

MW-EN 13162-T5-DS(70,-)-CS(10)80-TR7,5-WS-WL(P)-MU

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

Plant director

Function



Signature

Častolovice

Place

4.11.2024

Date



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