

# Declaration of Performance

DoP CZ0001-024

1 Unique identification code of the product-type: S01 04

Product/s:

**Isover TF**

2 Intended use or uses: Thermal insulation for buildings

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 System/s of AVCP:

System 1  
 System 3

6 Notified body/ies:

**1390**

Centrum stavebního inženýrství a.s. Praha

Harmonised standard:

EN 13 162: 2012+A1:2015

Essential characteristics	Performance	Abreviation	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	SDi	MN/m <sup>2</sup>	NPD
	Thickness	d <sub>L</sub>	mm	30-300
	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	0,038
	Thickness	d <sub>N</sub>	mm	NPD
	Thickness Class	Ti	Class	T5
Water Permeability	Short term Water absorption	W <sub>p</sub>	kg/m <sup>2</sup>	1
	Long term water absorption	W <sub>lp</sub>	kg/m <sup>2</sup>	3
Water vapour permeability	Water vapour transmission	μ	-	1
Compressive strength	Compressive stress or compressive strength	CS(Y)	kPa	40
	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 <sub>D</sub>	m <sup>2</sup> K/W	a)
	Thermal Conductivity	λ <sub>D</sub>	W/m K	0,038
	Durability Characteristics	d	mm	NPD
Tensile/Flexural strength	Tensile Strength perpendicular to faces	TR	kPa	15
Durability of compressive strength against heat, weathering, ageing/degradation	Compressive creep	Xct, Xt	mm	NPD

a) The parameter R is dependent on the thickness of the final sandwich panel.

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Jiří Šulák  
 Name  
**Plant director**  
 Function



Častolovice  
 Place  
 1.7.2017  
 Date

**ISOVER**  
 SAINT-GOBAIN

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