

1 Unique identification code of the product-type S01 01

Product/s:

Isover FASSIL
Isover FASSIL NT

2 Intended use or uses: Thermal insulation for buildings (ThIB)

3 Manufacturer:

Saint - Gobain Construction Product CZ a.s.
Smrčkova 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 | 50-200 |
| | 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] | 50 | 60 | 80 | 100 | 120 | 140 | 160 | 180* | 200* |
|---|------------|------|------|------|------|------|------|------|------|
| Length x width [mm] | 1200 x 600 | | | | | | | | |
| Volume per package [ks] | 10 | 8 | 6 | 5 | 4 | 3 | 3 | 2 | 2 |
| Volume per package [m ³] | 7.20 | 5.76 | 4.32 | 3.60 | 2.88 | 2.16 | 2.16 | 1.44 | 1.44 |
| Quantity per palette [m ²] | 0.36 | 0.35 | 0.35 | 0.36 | 0.35 | 0.30 | 0.35 | 0.26 | 0.29 |
| Declared thermal resistance R _D [m ² ·K·W ⁻¹] | 1.45 | 1.70 | 2.30 | 2.90 | 3.45 | 4.00 | 4.60 | 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. Declaration of cut products Isover TRV is derived from the declared parameters of this product.

Jiří Šulák
Name

Plant director
Function



Signature

Častolovice
Place

1.5.2018
Date

Isover
SAINT-GOBAIN

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