



## DECLARATION OF PERFORMANCE

**No 0809-CPR-22001198-M208B-2022/05/02**

**1. Unique identification code of the product-type:**

ISOVER OL-LAM 30

**2. Intended use/es:**

Thermal insulation for buildings

**3. Manufacturer:**

Saint-Gobain Finland Oy, ISOVER  
P.O Box 70  
FI-00381 Helsinki  
Finland  
[www.isover.fi](http://www.isover.fi)

**4. Authorised representative:**

Not applicable

**5. System/s of AVCP:**

AVCP System 1 for Reaction to fire  
AVCP System 3 for other characteristics

**6. Harmonised standard:**

EN 13162:2012 + A1:2015

**Notified body/ies:**

Eurofins Expert Services Oy (Notified Body No. 0809)

**7. Declared performance/s:**

See annex A

**8. Appropriate Technical Documentation and/or Specific Technical Documentation:**

Not applicable

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

**Signed for and on behalf of the manufacturer by:**

[name]: Jussi Jokinen, Development manager ISOVER, Saint-Gobain Finland Oy

At [place]: Helsinki

on [date of issue]: 2.5.2022

[signature]:

## ANNEX A

### Harmonized technical specification: EN 13162:2012+A1:2015

| Essential characteristics:                                                     | Performance:                                                                                                                                                                | Standard:                                      |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| Thermal resistance                                                             | Thermal resistance ( $\text{m}^2\text{K/W}$ )<br>thermal conductivity ( $\text{W/mK}$ )<br>thickness (mm)<br>$R_D$ See annex B<br>$\lambda_D$ 0.039<br>$d_N$ T3             | EN 12667<br>EN 12667<br>EN 823                 |
| Reaction to fire                                                               | Reaction to fire<br>A2-s1,d0                                                                                                                                                | EN 13501-1                                     |
| Durability of reaction to fire against heat, weathering, ageing/ degradation   | Durability characteristics<br>A2-s1,d0                                                                                                                                      | EN 13501-1                                     |
| Durability of thermal resistance against heat, weathering, ageing/ degradation | Thermal resistance ( $\text{m}^2\text{K/W}$ )<br>thermal conductivity ( $\text{W/mK}$ )<br>Durability characteristics<br>$R_D$ See annex B<br>$\lambda_D$ 0.039<br>DS(70,-) | EN 12667<br>EN 12667<br>EN 1604                |
| Compressive strength                                                           | Compressive stress<br>Point load<br>CS(10)30<br>NPD                                                                                                                         | EN 826<br>EN 12430                             |
| Tensile/ Flexural strength                                                     | Tensile strength<br>perpendicular to faces<br>NPD                                                                                                                           | EN 1607                                        |
| Durability of compressive strength against ageing/ degradation                 | Compressive creep<br>NPD                                                                                                                                                    | EN 1606                                        |
| Water permeability                                                             | Short term water absorption<br>Long term water absorption<br>WS (<1.0 $\text{kg/m}^2$ )<br>WL(P) (<3.0 $\text{kg/m}^2$ )                                                    | EN 1609<br>EN 12087                            |
| Water vapour permeability                                                      | Water vapour transmission, Water vapour diffusion resistance factor<br>MU1                                                                                                  | EN 12086                                       |
| Impact noise transmission index (for floors)                                   | Dynamic stiffness<br>Thickness<br>Compressibility<br>Air flow resistivity<br>NPD<br>NPD<br>NPD<br>NPD                                                                       | EN 29052-1<br>EN 12431<br>EN 12431<br>EN 29053 |
| Acoustic absorption index                                                      | Sound absorption<br>NPD                                                                                                                                                     | EN ISO 354                                     |
| Direct airborne sound insulation index                                         | Air flow resistivity<br>NPD                                                                                                                                                 | EN 29053                                       |
| Release of dangerous substances to the indoor environment                      | Release of dangerous substances<br>NPD                                                                                                                                      | -                                              |
| Continuous glowing combustion                                                  | Continuous glowing combustion<br>NPD                                                                                                                                        | -                                              |
| NPD = No Performance Determined                                                |                                                                                                                                                                             |                                                |

## ANNEX B

| Thickness:       | Thermal resistance:                                 |
|------------------|-----------------------------------------------------|
| 380 mm<br>400 mm | 9.70 m <sup>2</sup> K/W<br>10.25 m <sup>2</sup> K/W |