DECLARATION OF PERFORMANCE

No 0615-CPR-222984G-M252-2017/01/16

1. Unique identification code of the product-type:
ISOVER Alu FLO

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

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:
Bureau Veritas Certification (Notified Body No. 0615)

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]: 26.3.2021

[signature]:

ANNEX A

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

Essential characteristics:	Performance:		Standard:
Thermal resistance	Thermal resistance (m^2K/W) thermal conductivity (W/mK) thickness (mm)	R_D See annex B λ_D 0.035 d_N T3	EN 12667 EN 12667 EN 823
Reaction to fire	Reaction to fire	NPD	EN 13501-1
Durability of reaction to fire against heat, weathering, ageing/ degradation	Durability characteristics	NPD	EN 13501-1
Durability of thermal resistance against heat, weathering, ageing/ degradation	Thermal resistance (m^2K/W) thermal conductivity (W/mK) Durability characteristics	R_D See annex B λ_D 0.035 DS(70,-)	EN 12667 EN 12667 EN 1604
Compressive strength	Compressive stress Point load	CS(10)20 NPD	EN 826 EN 12430
Tensile/ Flexural strength	Tensile strength perpendicular to faces	NPD	EN 1607
Durability of compressive strength against ageing/ degradation	Compressive creep	NPD	EN 1606
Water permeability	Short term water absorption Long term water absorption	WS (<1.0 kg/m^2) WL(P) (<3.0 kg/m^2)	EN 1609 EN 12087
Water vapour permeability	Water vapour transmission, Water vapour diffusion resistance factor	MU1	EN 12086
Impact noise transmission index (for floors)	Dynamic stiffness Thickness Compressibility Air flow resistivity	See annex B NPD NPD NPD	EN 29052-1 EN 12431 EN 12431 EN 29053
Acoustic absorption index	Sound absorption	NPD	EN ISO 354
Direct airborne sound insulation index	Air flow resistivity	NPD	EN 29053
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD	-
Continuous glowing combustion	Continuous glowing combustion	NPD	-
NPD = No Performance Determined			

ANNEX B

Thickness:	Thermal resistance:	Dynamic stiffness:
30 mm	0.85 m^2K/W	16 MN/m^3