

Declaration of performance

No. 0615-CPR-222984G-LWS-2013/07/01

1. Unique identification code of the product-type:
 - A. ISOVER KL-31
 - B. ISOVER KL-32
 - C. ISOVER KL-33
 - D. ISOVER KL-35
 - E. ISOVER KL-37
 - F. ISOVER KL-40, ISOVER KL-AKU
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
See product labels.
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:
Thermal insulation for buildings
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
Saint-Gobain Rakennustuotteet Oy, ISOVER
P.O Box 250
FI-05801 Hyvinkää
Finland
www.isover.fi
5. Name and contact address of the authorized representative:
Not applicable
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
AVCP System 1 for Reaction to fire
AVCP System 3 for other characteristics
7. Case a construction product covered by a harmonized standard:
Bureau Veritas Certification (Notified Body No. 0615)
performed the determination of the product-type on the basis of type testing (including sampling); initial inspection of the manufacturing plant and of factory production control; continuous surveillance, assessment and evaluation of factory production control ; under system 1 and issued a certificate of constancy of performance.

Notified testing laboratory performed also all relevant test reports for other declared characteristics according to harmonized standard.
8. Case of a construction product for which a European Technical Assessment has been issued:
Not applicable

9. Declared performance:

All characteristics listed in the table hereunder are determined in harmonized standard **EN 13162:2012**

Essential characteristics		Performance					
		A	B	C	D	E	F
Reaction to fire - Euroclass Characteristics	Euroclass Characteristics	A1					
Release of dangerous substances to the indoor environment	Release of dangerous substances	(a)					
Acoustic absorption index	Sound absorption	NPD					
Impact noise transmission index (<i>for floors</i>)	Dynamic stiffness	NPD					
	Thickness, d_L	NPD					
	Compressibility	NPD					
	Air flow resistivity	NPD					
Direct airborne sound insulation index	Air flow resistivity	AF _r 30	AF _r 24	AF _r 18	AF _r 12	AF _r 9	AF _r 6
Continuous glowing combustion	Continuous glowing combustion	(b)					
Thermal resistance	Thermal resistance and thermal conductivity	$\lambda_D = 0,031$ W/mK $R_D = 1,60 - 3,20$ m ² K/W (thickness range 50-100 mm)	$\lambda_D = 0,032$ W/mK $R_D = 1,55 - 4,65$ m ² K/W (thickness range 50-150 mm)	$\lambda_D = 0,033$ W/mK $R_D = 1,20 - 6,80$ m ² K/W (thickness range 40-225 mm)	$\lambda_D = 0,035$ W/mK $R_D = 1,40 - 6,40$ m ² K/W (thickness range 50-225 mm)	$\lambda_D = 0,037$ W/mK $R_D = 1,05 - 6,05$ m ² K/W (thickness range 40-250 mm)	$\lambda_D = 0,040$ W/mK $R_D = 1,25 - 2,50$ m ² K/W (thickness range 50-100 mm)
	Thickness	T2					
Water permeability	Water absorption, short term	WS					NPD
	Water absorption, long term	NPD					
Water vapour permeability	Water vapour transmission	MU1					
Compressive strength	Compressive stress or compressive strength	NPD					

	Point load	NPD					
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability characteristics	A1					
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance and thermal conductivity	$\lambda_D = 0,031$ W/mK $R_D = 1,60 - 3,20$ m ² K/W (thickness range 50-100 mm)	$\lambda_D = 0,032$ W/mK $R_D = 1,55 - 4,65$ m ² K/W (thickness range 50-150 mm)	$\lambda_D = 0,033$ W/mK $R_D = 1,20 - 6,80$ m ² K/W (thickness range 40-225 mm)	$\lambda_D = 0,035$ W/mK $R_D = 1,40 - 6,40$ m ² K/W (thickness range 50-225 mm)	$\lambda_D = 0,037$ W/mK $R_D = 1,05 - 6,05$ m ² K/W (thickness range 40-250 mm)	$\lambda_D = 0,040$ W/mK $R_D = 1,25 - 2,50$ m ² K/W (thickness range 50-100 mm)
	Durability characteristics	(c)					
Tensile/Flexural strength	Tensile strength perpendicular to faces (d)	NPD					
Durability of compressive strength against ageing/degradation	Compressive creep	NPD					

NPD = No performance determined

- (a) European test methods are under development.
- (b) A test method is under development and the standard will be amended when this is available.
- (c) For dimensional stability thickness only.
- (d) This characteristic also covers handling and installation.

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.
[This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.](#)

Signed for and on behalf of the manufacturer by:

[Jussi Jokinen, Development manager ISOVER, Saint-Gobain Rakennustuotteet Oy](#)

Hyvinkää 1.7.2013

