

DECLARATION OF PERFORMANCE

No. SE0002-005 (uk)

1. Unique identification code of the product-type:

G44

2. Element allowing identification of construction product:

A. G44-U, G44-S, G45-S, G46-S, G48-AL, G55-U, G58-U
(See also product label for traceability)

3. Intended use:

Thermal Insulation of Building Equipment and Industrial Installations (ThIBEII)

4. Manufacturer:

Saint-Gobain ISOVER AB
267 82 Billesholm
Sweden

Phone: +464284000
E-mail: info@isover.se
Web: www.isover.se

5. Name and contact address of authorised representative:

Not applicable

6. System(s) of Assessment and Verification of Constancy of Performance (AVCP) of the construction product:

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

7. Construction product covered by a harmonised standard:

SP Technical Research Institute of Sweden (Notified Body no 0402)
performed the determination of the product-type on the basis of type testing (including sampling);
initial inspection of manufacturing plant and of factory production control; continuous surveillance,
assessment and evaluation of factory production control; under system 1 and system 3 and issued
certificate of conformity 0402-CPR-SC0480-10 with associated Appendix 5.

8. Construction product for which a European Technical Assessment has been issued:

Not applicable

9. Declared performance:

All essential characteristics listed in the table below are determined for the intended use according to the harmonised standard EN 14303:2009+A1:2013.

Essential characteristics		Performance
Product according to point 2		A
Reaction to Fire - Euroclass characteristics		A2-s1,d0
Acoustic absorption index		NPD
Thermal resistance	Thermal conductivity	[W/(m•K)]
	at 10 °C	0,033
	at 50 °C	0,037
	at 100 °C	0,044
	at 150 °C	0,053
	at 200 °C	0,066
	at 250 °C	0,081
	at 300 °C	0,099
	at 350 °C	0,120
	Dimensions and tolerances	T3
Water permeability	Water absorption	NPD
Water vapour permeability	Water vapour diffusion resistance	NPD
Compressive strength	Compressive stress or compressive strength for flat products	NPD
Rate of release of corrosive substances	Trace quantity of ions: Cl	NPD
	F	NPD
	SiO ₃	NPD
	Na	NPD
	Value of pH	NPD
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD ^(a)
Continuous glowing combustion	(b)	NPD
Durability of reaction to fire against ageing/degradation	Durability characteristics	(c)
Durability of thermal resistance against ageing/degradation and against high temperature	Thermal conductivity	(d)
	Dimensions and tolerances	See above
	Dimensional stability, or Maximum Service Temperature (MST)	350 °C
	Durability characteristics	(d)
Durability of reaction to fire against high temperature	Durability characteristics	(e)

(a) An informative database of European and national provisions on dangerous substances is available at the Construction web site on EUROPA (assessed through <http://ec.europa.eu/enterprise/construction/cpd-ds/>).

(b) A European test method is under development and the standard will be amended when this is available.

(c) The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time.

(d) Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.

(e) The fire performance of mineral wool does not deteriorate with high temperature. The Euroclass classification of the product is related to the organic content, which remains constant or decreases with high temperature.

10. The performance of the products identified in points 1 and 2 are 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:

.....Staffan Tigerfeldt, R&D Manager.....
(name and function)

.....Billesholm 2013-11-19.....
(place and date of issue)

.....
(signature)