DECLARATION OF PERFORMANCE

No. FI0002-010 (en)

1. Unique identification code of the product-type:

TECH Roof Slab 3.0 (I08 02)

2. Element allowing identification of construction product:

A. TECH Roof Slab 3.0, 50-200 mm

3. Intended use:

Thermal Insulation of Building Equipment and Industrial Installations (ThIBEII)

4. Manufacturer:

Saint-Gobain Finland Oy
PL 70, 00381 Helsinki
Finland

Tel: +35810442211
e-mail: asiakaspalvelu@saint-gobain.com
Web: www.isover.fi

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:

Eurofins Expert Services (Notified Body no 0809)
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 a certificate of conformity number 22001199.

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
Thermal resistance	Thermal conductivity [in W/(m•K)]	
	at 10 °C	0,037
	at 50 °C	0,043
	at 100 °C	0,050
	at 150 °C	0,057
	at 200 °C	0,065
	at 250 °C	0,074
	Dimensions and tolerances	T4
Sound absorption	α w	NPD
Water permeability	Water absorption	WS
Water vapour permeability	Water vapour diffusion resistance	MU1
Compressive strength	Compressive stress or compressive strength for flat products	20 kPa
Rate of release of corrosive substances	Trace quantity of ions Cl	NPD
	Trace quantity of ions F	NPD
	Trace quantity of ions SiO_3	NPD
	Trace quantity of ions 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)	at 250 °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:

……Tomi Kivelä, product manager……

(name and function)

Helsinki, 13.6.2022……. …… …….

(place and date of issue) (signature)