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European Technical Assessment Body
for construction products



European Technical Assessment

ETA-21/0385
of 19 January 2026

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General Part

Technical Assessment Body issuing the European Technical Assessment:

Deutsches Institut für Bautechnik

Trade name of the construction product

"InsulSafe Einblaswolle", "InsulSafe Prefab", "InsulSafe Prefab XL" and "InsulSafe Cavity"

Product family to which the construction product belongs

Thermal insulation made of loose mineral wool

Manufacturer

SAINT-GOBAIN ISOVER G+H AG
Bürgermeister-Grünzweig-Straße 1
67059 Ludwigshafen
DEUTSCHLAND

Manufacturing plant

See Annex B

This European Technical Assessment contains

8 pages including 2 annexes which form an integral part of this assessment

This European Technical Assessment is issued in accordance with Regulation (EU) No 305/2011, on the basis of

EAD 040729-00-1201

This version replaces

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Specific Part

1 Technical description of the product

The European Technical Assessment applies to the thermal insulation products made of loose, synthetic mineral wool with the designations "InsulSafe Einblaswolle", "InsulSafe Prefab", "InsulSafe Prefab XL" and "InsulSafe Cavity".

The thermal insulation materials are manufactured without binding agents and receive an additional dust binding agent during the manufacturing process.

The European Technical Assessment has been issued for the products on the basis of agreed data/ information, deposited with Deutsches Institut für Bautechnik, which identifies the product that has been assessed. The European Technical Assessment applies only to products corresponding to this agreed data/information.

2 Specification of the intended use in accordance with the applicable European Assessment Document

The thermal insulation materials serve for the production of insulation layers, not exposed to compression loads, by means of machine processing at the place of use. The machine processing is carried out in dry conditions.

The thermal insulation product "InsulSafe Einblaswolle" can be used for the following intended uses:

- Exposed insulation on horizontal or moderately pitched areas ($\leq 10^\circ$) (e. g. on the ceiling or between beams)
- Space-filling insulation in closed cavities of external and interior walls of timber frame constructions and similar structures

The thermal insulation products "InsulSafe Einblaswolle", "InsulSafe Prefab", "InsulSafe Prefab XL" and "InsulSafe Cavity" can be used for the following intended uses:

- Insulation in closed cavities between rafters and timber beams as well as in cavities of corresponding structures

The performances given in Section 3 are only valid if the thermal insulation product is installed according to the manufacture's installation instructions, used in compliance with the specifications and conditions given in Annex A and if they are protected from precipitation, wetting or weathering in built-in state and during transport, storage and installation.

The design value of the thermal conductivity shall be laid down according to relevant national provisions.

3 Performance of the product and references to the methods used for its assessment

For sampling, conditioning and testing the provisions of the EAD No. 040729-00-1201 "Thermal insulation made of loose mineral wool".

3.1 Safety in case of fire (BWR 2)

Essential characteristic	Performance
Reaction to fire	Class A1 In accordance with EC decision 96/603/EC (as changed)
Organic content test acc. to EN 13820:2003	≤ 1,0 M.-%
Propensity to undergo continuous smouldering test acc. to EN 16733:2016	Test passed – The product shows no propensity to undergo continuous smouldering

3.2 Energy economy and heat retention (BWR 6)

Essential characteristic	Performance
Thermal conductivity at mean reference temperature of 10 °C test acc. to EN 12667:2001 in accordance with EN 14064-1:2010	Declared value for a moisture content of the insulation material at 23 °C and 50 % relative humidity: ¹
"InsulSafe Einblaswolle"	density range: 21 kg/m ³ ≤ ρ < 30 kg/m ³ : λ _{D(23,50)} = 0,037 W/(m · K)
"InsulSafe Prefab" and "InsulSafe Prefab XL"	density range: 30 kg/m ³ ≤ ρ ≤ 40 kg/m ³ : λ _{D(23,50)} = 0,034 W/(m · K)
"InsulSafe Cavity"	density range: 40 kg/m ³ ≤ ρ ≤ 50 kg/m ³ : λ _{D(23,50)} = 0,033 W/(m · K)
Conversion of humidity acc. to EN ISO 10456:2007+AC:2009 moisture conversion factor (23 °C/50 % rel. humidity to 23 °C/ 80 % rel. humidity):	F _m = 1,00
Short term water absorption	W _p ≤ 1.0 kg/m ² (WS acc. to EN 14064-1)
Long term water absorption	W _{lp} ≤ 3.0 kg/m ²

¹ The declared value is representative for at least 90 % of the production with a confidence level of 90 % and applies to the density range in accordance with annex A.

Essential characteristic	Performance
Bulk density	
In case of free placing (exposed insulation) "InsulSafe Einblaswolle"	$21 \text{ kg/m}^3 \leq \rho < 30 \text{ kg/m}^3$
In case of use in closed cavities (space-filling) "InsulSafe Einblaswolle"	$30 \text{ kg/m}^3 \leq \rho \leq 40 \text{ kg/m}^3$
"InsulSafe Prefab" and "InsulSafe Prefab XL"	$30 \text{ kg/m}^3 \leq \rho \leq 50 \text{ kg/m}^3$
"InsulSafe Cavity"	$30 \text{ kg/m}^3 \leq \rho \leq 40 \text{ kg/m}^3$
Water repellency	No performance assessed
Water vapour diffusion resistance coefficient	$\mu = 1$
Settlement	
Settling under impact excitation in the case of free placing (e. g. on the ceiling or between beams) "InsulSafe Einblaswolle"	$\leq 15 \%$ at a minimum bulk density of 21 kg/m^3 and a maximum thickness of 330 mm
Settling under vibration in wall cavity and between beams	SC 0 acc. to EN 15101-1:2013 ($\leq 1 \%$) at a minimum bulk density of 30 kg/m^3 and a maximum thickness of 240 mm
Settling under defined climatic conditions	No performance assessed
Airflow resistance	$\geq 5,0 \text{ kPa} \cdot \text{s/m}^2$

4 Assessment and verification of constancy of performance (AVCP) system applied, with reference to its legal base

In accordance with the European Assessment Document EAD 040729-00-1201, the applicable European legal act is: 1999/91/EC.

The system to be applied is: 3

In addition, with regard to reaction to fire (including propensity to undergo continuous smouldering) the applicable European legal act is: 1999/91/EC (in accordance with the decision 96/603/EC).

The system to be applied is: 4

5 Technical details necessary for the implementation of the AVCP system, as provided for in the applicable EAD

Technical details necessary for the implementation of the AVCP system are laid down in the control plan deposited with Deutsches Institut für Bautechnik.

Issued in Berlin on 19 January 2026 by Deutschen Institut für Bautechnik

Frank Iffländer
Referatsleiter

beglaubigt:
Meyer

"InsulSafe Einblaswolle", "InsulSafe Prefab", "InsulSafe Prefab XL" and "InsulSafe Cavity"

ANNEX A

The performances of the thermal insulation products given in Section 3 are valid if the following will be considered concerning installation and use:

- Densities at built-in stage:

Area of application	Density [kg/m ³]
Exposed insulation on horizontal or moderately pitched areas ($\leq 10^\circ$) (e. g. on the ceiling or between beams) "InsulSafe Einblaswolle"	$21 \leq \rho < 30$
Space-filling insulation in closed cavities of external and interior walls of timber frame constructions and similar structures "InsulSafe Einblaswolle" "InsulSafe Prefab" and "InsulSafe Prefab XL" "InsulSafe Cavity"	$30 \leq \rho \leq 40$ $30 \leq \rho \leq 50$ $30 \leq \rho \leq 40$
Insulation in closed cavities between rafters and timber beams as well as in cavities of corresponding structures "InsulSafe Einblaswolle" "InsulSafe Prefab" and "InsulSafe Prefab XL" "InsulSafe Cavity"	$30 \leq \rho \leq 40$ $30 \leq \rho \leq 50$ $30 \leq \rho \leq 40$

- The density is determined by calculation as a quotient from the mass of the material brought in and the full volume.
- The thermal insulation layer has a constant installation thickness taking account of the nominal thickness. For that purpose suitable height marks are arranged by the executing company in sufficient distances before the processing. The executing company check the installation thickness and the density.
- When calculating the thermal resistance of the construction elements, the nominal thickness of the thermal insulation layer is applied as follows:

Processing of the insulation material	Nominal thickness
Exposed insulation on horizontal or moderately pitched areas ($\leq 10^\circ$) (e. g. on the ceiling or between beams)	installation thickness of the insulation material minus 15 %
Space-filling insulation in closed cavities of external and interior walls of timber frame constructions and similar structures	clear span of the filled cavity
Insulation in closed cavities between rafters and timber beams as well as in cavities of corresponding structures	clear span of the filled cavity

- The requirements concerning ventilation openings and the ventilation section above the thermal insulation layer are considered.
- In case of installation on pitched or arched areas slipping of the thermal insulation product is prevented by suitable measures.
- In case of use as space-filling thermal insulation in closed cavities it is made sure by appropriate measures (e. g. control drillings) that the cavity is completely filled with the thermal insulation product.

- The thermal insulation products are only processed by companies stated in a list of the manufacturer which have adequate experience in installing the material. Concerning this matter the manufacturer has trained these companies.
- The executing company issue a certificate which contains the following information with reference to this European Technical Assessment for each application place:
 - Thermal insulation product made of loose mineral wool
 - trade names
 - executing company
 - building project and building component
 - date of installation
 - installation thickness

"InsulSafe Einblaswolle", "InsulSafe Prefab", "InsulSafe Prefab XL" and "InsulSafe Cavity"

Annex B

Manufacturing plants

- 1.) Saint-Gobain Finland Oy
Ahlströminkatu 1-3
FIN-30420 Forssa

- 2.) Saint Gobain Construction Products Nederland B.V.
Parallelweg 20
NL-4878 AH Etten-Leur