

Declaration of performance

N° NLD0003-0001-00 (en)

1. Unique identification code of the product-type:

INSULSAFE PLUS
INSULSAFE PLUS WOOD

2. Element allowing identification of the construction product:

Unique product name (as stated in point 1.)
See also product label for traceability.

3. Intended use (according harmonised technical specification)

Thermal insulation of Buildings (THiB) – In situ formed loose-fill mineral wool (MW) products

4. Name, registered trade name and contact address of the manufacturer:

SAINT-GOBAIN Construction Products NLD b.v.
Parallelweg 20, 4878 AH, Etten – Leur, Nederland

5. Name and contact address of the authorised representative:

Not applicable

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

AVCP System 4 for Reaction to fire & AVCP System 3 for other characteristics

7. Case a construction product covered by a harmonised standard:

KIWA (Notified Body n° 0620)

- performed the initial inspection of the manufacturing plant and of factory production control;
continuous surveillance, assessment and evaluation of factory production control ;

BDA (Notified Body n°1640)

performed the determination of the product-type on the basis of type testing (based on sampling carried out by the manufacturer), under system 3.

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 harmonised standard **EN 14064-1:2010**

Requirement/Characteristic from the mandate	Essential characteristics Requirement clauses in the european standard ^(a)	INSULSAFE PLUS	
Thermal resistance	Thermal conductivity (4.2.1)	0,034 mW/m.K (at density 35 kg/m3)	
	Insulation thickness (4.2.1)	Masonry cavity wall width (mm)	Declared thermal resistance level R (m ² .K/W)
		50	1.4
		55	1.6
		60	1.7
		65	1.9
		70	2.0
		75	2.1
		80	2.2
		85	2.4
		90	2.6
		95	2.7
		100	2.9
105	3.0		
110	3.1		
115	3.3		
120	3.4		
Reaction to fire, Euroclass characteristics	Reaction to Fire and Annex F (4.2.4)	A1 ^(d)	
Water Permeability	Water absorption (4.3.3)	< 1 kg / m ²	
Water vapour permeability	Water vapour transmission (4.3.4)	NPD	
release of dangerous substances to the indoor environment	Release of dangerous substances (4.3.6)	NPD	
Continuous glowing combustion	Continuous glowing combustion (4.3.7)	NPD	
Durability of thermal resistance against, ageing/degradation	Thermal resistance and thermal conductivity (4.2.1)	(c)	
	Settlement (4.2.3)	S1 ^e	
Durability of reaction to fire against ageing/degradation (4.2.1) ^b	Durability of reaction to fire against ageing/degradation (4.2.1) ^b	(b)	
	CE Designation code	MW-EN-14064-1-S1-WS	
	CE certificatenummer	SYSTEM 3	

^a the requirement on a certain characteristic is not applicable in those member states (MSs) where there are no regulatory requirements on that characteristic for the intended use of the product. In this case, manufacturers placing their products on the market of these MSs are not obliged to determine nor declare the performance of their products with regard to this characteristic and the option "No Performance Determined" (NPD) in the information accompanying the CE marking (see ZA.3 EN 14064-1) may be used. The NPD option may not be used, however, where the characteristic is subject to a threshold level (thermal resistance (thermal conductivity and thickness))

^b 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 in time

^c 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 gasses than atmospheric air

^d The product does not contain more than 1% by weight of organic matter. The product is, due to its low level of combustibility and subject to the conditions also set out in the Annex of Decision 96/603/EC modified, classified in reaction to fire Class A1

^e The product does not have a measurable settlement (≤ 1%). This in alignment with Table 1 & table 2 of EN 14064-1:2010

Requirement/Characteristic from the mandate	Essential characteristics Requirement clauses in the european standard	INSULSAFE PLUS WOOD	
Thermal resistance	Thermal conductivity (4.2.1)	0,034 mW/m.K (at density 35 kg/m3)	
	Insulation thickness (4.2.1)	Frame cavity width (mm)	Declared thermal resistance level R (m ² .K/W)
		100	2.9
		150	4.3
		200	5.7
		250	7.1
		300	8.6
	350	10.0	
	400	11.4	
Reaction to fire, Euroclass characteristics	Reaction to Fire and Annex F (4.2.4)	A1	
Water Permeability	Water absorption (4.3.3)	< 1 kg / m ³	
Water vapour permeability	Water vapour transmission (4.3.4)	NPD	
release of dangerous substances to the indoor environment	Release of dangerous substances (4.3.6)	NPD	
Continuous glowing combustion	Continuous glowing combustion (4.3.7)	NPD	
Durability of thermal resistance against, ageing/degradation	Thermal resistance and thermal conductivity (4.2.1)c	NPD	
	Settlement (4.2.3)	S1 ^e	
Durability of reaction to fire against ageing/degradation (4.2.1) ^b	Durability of reaction to fire against ageing/degradation (4.2.1)b	NPD	
	CE Designation code	MW-EN-14064-1-S1-WS	
	CE certificatenummer	SYSTEM 3	

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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:

Wim Thijs
Plantmanager Saint-Gobain Isover



Date: 11-06-2013

Etten – Leur