

PRESTATIEVERKLARING

Nr. NLD0003-0001-00 (nl)

1. Unieke identificatiecode van het producttype:
INSULSAFE PLUS
INSULSAFE PLUS WOOD
2. Identificatiemiddel voor het bouwproduct:

Unieke produktnaam (zoals benoemd onder punt 1).
(Zie productlabel voor de traceerbaarheid)
3. Beoogde gebruiken van het bouwproduct (overeenkomstig de toepasselijke geharmoniseerde technische specificatie):

Thermische isolatie van gebouwen (THiB) - in situ gevormde los gestorte minerale wol
4. Naam, geregistreerde handelsnaam of geregistreerd handelsmerk en contactadres van de fabrikant:

SAINT-GOBAIN ISOVER
Parallelweg 20, 4878 AH, Etten – Leur, Nederland
5. Naam en contactadres van de gemachtigde:

Niet van toepassing
6. Systemen voor de beoordeling en verificatie van de prestatiebestendigheid:

AVCP Systeem 4 voor het brandgedrag (euroklasse F) & AVCP Systeem 3 voor de andere kenmerken
7. Indien de prestatieverklaring betrekking heeft op een bouwproduct dat onder een geharmoniseerde norm valt:

KIWA (aangemelde instantie n° 0620)
initiële inspectie van de productie-installatie en van de productiecontrole in de fabriek; permanente bewaking, beoordeling en evaluatie van de productiecontrole in de fabriek;

BDA (aangemelde instantie Nr. 1640) & KIWA (aangemelde instantie n° 0620)
Heeft onder systeem 3 de volgende taken uitgevoerd : bepaalt het producttype op grond van typeonderzoek (op basis van bemonstering door de fabrikant).
8. Indien de prestatieverklaring betrekking heeft op een product waarvoor een Europese technische beoordeling is afgegeven:

Niet van toepassing
9. Aangegeven prestatie:

Alle genoemde kenmerken in de tabel hieronder worden bepaald in de geharmoniseerde norm **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/m ³)	
	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 certificatenumber	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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^e The product does not have a measurable settlement ($\leq 1\%$). This in alignment with Table 1 & table 2 of EN 14064-1:2010

10. De prestaties van het in de punten 1 en 2 omschreven product zijn conform de in punt 9 aangegeven prestaties.

Deze prestatieverklaring wordt verstrekt onder de exclusieve verantwoordelijkheid van de in punt 4 vermelde fabrikant.

Ondertekend voor en namens de fabrikant door:

Wim Thijs
Plantmanager Saint-Gobain Isover



Date: 11-06-2013

Etten – Leur