

LEISTUNGSERKLÄRUNG

Nr. NLD0003-0001-00 (de)

1. Eindeutiger Kenncode des Produkttyps

INSULSAFE PLUS
INSULSAFE PLUS WOOD

2. Kennzeichen zur Identifikation des Bauprodukts:

Einzighartes Produkt Namen (wie unter Punkt 1 genannten)
(Siehe auch Etikett für die Rückverfolgbarkeit)

3. Vorgesehener Verwendungszweck (gemäß der harmonisierten technischen Spezifikation)

Wärmedämmung für die Gebäudeausrüstung (THiB) –In hergestellte Wärmedämmung aus Mineralwolle

4. Name, eingetragener Handelsname und Kontaktanschrift des Herstellers:

SAINT-GOBAIN ISOVER
Parallelweg 20, 4878 AH, Etten – Leur, Nederland

5. Name und Kontaktanschrift des Bevollmächtigten:

Nicht anwendbar

6. System(e) zur Bewertung und Überprüfung der Leistungsbeständigkeit des Bauprodukts:

AVCP System 4 für Brandverhalten F & AVCP System 3 für anderen Eigenschaften

7. Im Falle der Leistungserklärung, die ein Bauprodukt betrifft, das von einer harmonisierten Norm erfasst wird:

KIWA (Notifizierten Stelle n° 0620)
Erstinspektion des Werks und der werkseigenen Produktionskontrolle; laufende Überwachung, Bewertung und Evaluierung der werkseigenen Produktionskontrolle

BDA (Notifizierten Stelle n°1640) & KIWA (Notifizierten Stelle n° 0620)
hat stellt anhand einer Typprüfung (auf der Grundlage der vom Hersteller gezogenen Stichprobe), den Produkttyp fest, nach dem System 3 vorgenommen.

8. Im Falle der Leistungserklärung, die ein Bauprodukt betrifft, für das eine Europäische Technische Bewertung ausgestellt worden ist:

Nicht anwendbar

9. Erklärte Leistung:

Alle Eigenschaften in der nachstehenden Tabelle aufgeführt sind in der harmonisierten Norm **EN 14064-1:2010** festgelegt.

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 Pemeability	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. Die Leistung des Produkts gemäß den Nummern 1 und 2 entspricht der erklärten Leistung nach Nummer 9.

Verantwortlich für die Erstellung dieser Leistungserklärung ist allein der Hersteller gemäß Nummer 4.

Unterzeichnet für den Hersteller und im Namen des Herstellers von:

Mark Rippens
Plantmanager Saint-Gobain Isover



Date: 3-5-2018 Etten – Leur