

Déclaration de performances

N° NLD0003-0001-00 (fr)

1. Code d'identification unique:

INSULSAFE PLUS
INSULSAFE PLUS WOOD

2. Élément permettant l'identification du produit de construction :

Nom et Code unique du produit (comme indiqué au point 1).

(Voir étiquette produit pour la traçabilité)

3. Usage prévu (conformément à la spécification technique harmonisée) :

Isolation thermique des bâtiments (ThiB) – formé in situ à partir de laine minérale en vrac

4. Nom, raison sociale et adresse de contact du fabricant :

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

5. Nom et adresse de contact du mandataire :

Non applicable

6. Systèmes d'évaluation et de vérification de la constance des performances :

AVCP Système 4 pour la réaction au feu (Euroclass F) & AVCP Système 3 pour les autres caractéristiques

7. Cas des produits couverts par une norme harmonisée :

KIWA (Notified Body n° 0620)

Une inspection initiale de l'établissement de fabrication et un contrôle de la production en usine ; une surveillance, une évaluation et une appréciation permanente du contrôle de la production en usine ;

Le BDA (Organisme Notifié n°1640), ont réalisé la détermination du produit type sur la base d'essais de type, selon le système 3.

8. Cas des produits pour lesquels une évaluation technique européenne a été délivrée :

Non applicable

9. Performances déclarées :

Les caractéristiques listées ci-dessous se réfèrent à la **norme harmonisée 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 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/m ³) | |
| | 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. Les performances du produit identifié aux points 1 et 2 sont conformes aux performances déclarées indiquées au point 9.

La présente déclaration des performances est établie sous la seule responsabilité du fabricant identifié au point 4.

Signé pour le fabricant et en son nom par :

Wim Thijs
Directeur d'Usine Saint-Gobain Isover



Date: 11-06-2013

Etten – Leur