

## Déclaration de Performances

Nr. NLD0001-0002-04 (FR)

**1. Code d'identification unique:**

|                     |                               |                                |
|---------------------|-------------------------------|--------------------------------|
| CLADIPAN 32         | MW-EN-13162-T3-WS-MU1-AFr15   | <sup>2</sup> (voir le point 7) |
| COMFORTPANEL 32ZS-* | MW-EN-13162-T4-WS-AFr15       | <sup>1</sup> (voir le point 7) |
| COMFORTPANEL32 MOY  | MW-EN-13162-T4-WS-AFr15       | <sup>1</sup> (voir le point 7) |
| ISOCONFORT 32XS     | MW-EN-13162-T2                |                                |
| ISOCONFORT 32 BEL   | MW-EN-13162-T2                |                                |
| MUPAN FAÇADE        | MW-EN-13162-T5-WS-WL(P)-AFr15 | <sup>1</sup> (voir le point 7) |
| MUPAN ULTRA XS      | MW-EN-13162-T5-WS-WL(P)       | <sup>1</sup> (voir le point 7) |
| SYSTEMROLL 1000     | MW-EN-13162-T2                | <sup>1</sup> (voir le point 7) |
| SYSTEMROLL 1000 G3  | MW-EN-13162-T2                | <sup>1</sup> (voir le point 7) |
| TIMBERFRAME 32      | MW-EN-13162-T2                | <sup>1</sup> (voir le point 7) |
| PAN E4B 1000        | MW-EN-13162-T5-WS-WL(P)       |                                |
| PARTYWALL           | MW-EN-13162-T3-AFr10          |                                |

**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 du bâtiment (ThiB)

**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 1 pour la réaction au feu (Euroclass A1, A2, B, C) & AVCP Système 3 pour les autres caractéristiques  
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 (Organisme Notifié n° 0620), a réalisé la détermination du produit type sur la base d'essais type (y compris l'échantillonnage); 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; selon le système 1

Le BDA (Organisme Notifié n°1640) & KIWA (Organisme Notifié n° 0620), 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 13162:2012+A1:2015**

| Essential characteristics<br>Requirement clauses in the<br>european standard | SYSTEMROLL 1000 G3<br>TIMBERFRAME 32 | COMFORTPANEL32 MOY      |
|--|--------------------------------------|-------------------------|
| Thermal resistance and thermal conductivity (4.2.1)                          | 0,032 mW/m.K                         |                         |
| Thickness (4.2.3)  | T2                                   | T5                      |
| Reaction to Fire (4.2.6)   | A1                                   | A2-s,d1                 |
| Water absorption (4.3.7.1)   | NPD                                  | < 1 kg / m <sup>2</sup> |
| Water absorption (4.3.7.2)   | NPD                                  | NPD                     |
| Water vapour transmission (4.3.8)  | NPD                                  | NPD                     |
| Release of dangerous substances (4.3.13)                                     | NPD                                  | NPD                     |
| Sound absorption (4.3.11)  | NPD                                  | NPD                     |
| Dynamic stiffness (4.3.9)  | NPD                                  | NPD                     |
| Thickness (4.3.10.2)   | NPD                                  | NPD                     |
| Compressability (4.3.10.4)   | NPD                                  | NPD                     |
| Air Flow resistivity (4.3.12)  | NPD                                  | 15 kPa.s/m <sup>2</sup> |
| Air Flow resistivity (4.3.12)  | NPD                                  | 15 kPa.s/m <sup>2</sup> |
| Continuous glowing combustion (4.3.15)                                       | NPD                                  | NPD                     |
| Compressive stress or compressive strength (4.3.3)                           | NPD                                  | NPD                     |
| Point load (4.3.5)   | NPD                                  | NPD                     |
| Durability characteristics (4.2.7) <sup>a,b</sup>                            | NPD                                  | NPD                     |
| Thermal resistance and thermal conductivity (4.2.1) <sup>c</sup>             | NPD                                  | NPD                     |
| Durability characteristics (4.2.7) <sup>d</sup>                              | NPD                                  | NPD                     |
| Tensile strength perpendicular to faces <sup>e</sup> (4.3.4)                 | NPD                                  | NPD                     |
| Compressive creep (4.3.6)  | NPD                                  | NPD                     |
| CE Designation code  | MW-EN13162-T2                        | MW-EN13162-T4-WS-AFr15  |
| CE certificatenummer   | 41520                                | 41539                   |

<sup>a</sup> No change in reaction to fire properties for mineral wool products.

<sup>b</sup> 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

<sup>c</sup> 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

<sup>d</sup> For dimensional stability thickness only

<sup>e</sup> This characteristic also covers handling and installation

| Essential characteristics<br>Requirement clauses in the<br>european standard | CLADIPAN 32                | PAN E4B 1000            |
|--|----------------------------|-------------------------|
| Thermal resistance and thermal conductivity (4.2.1)                          | 0,032 mW/m.K               |                         |
| Thickness (4.2.3)  | T3                         | T5                      |
| Reaction to Fire (4.2.6)   | A2,s1-d0                   | F                       |
| Water absorption (4.3.7.1)   | < 1 kg / m <sup>2</sup>    | < 1 kg / m <sup>2</sup> |
| Water absorption (4.3.7.2)   | NPD                        | < 3 kg / m <sup>2</sup> |
| Water vapour transmission (4.3.8)  | ≤1                         | NPD                     |
| Release of dangerous substances (4.3.13)                                     | NPD                        | NPD                     |
| Sound absorption (4.3.11)  | NPD                        | NPD                     |
| Dynamic stiffness (4.3.9)  | NPD                        | NPD                     |
| Thickness (4.3.10.2)   | NPD                        | NPD                     |
| Compressability (4.3.10.4)   | NPD                        | NPD                     |
| Air Flow resistivity (4.3.12)  | 15 kPa.s/m <sup>2</sup>    | NPD                     |
| Air Flow resistivity (4.3.12)  | 15 kPa.s/m <sup>2</sup>    | NPD                     |
| Continuous glowing combustion (4.3.15)                                       | NPD                        | NPD                     |
| Compressive stress or compressive strength (4.3.3)                           | NPD                        | NPD                     |
| Point load (4.3.5)   | NPD                        | NPD                     |
| Durability characteristics (4.2.7) <sup>a,b</sup>                            | NPD                        | NPD                     |
| Thermal resistance and thermal conductivity (4.2.1) <sup>c</sup>             | NPD                        | NPD                     |
| Durability characteristics (4.2.7) <sup>d</sup>                              | NPD                        | NPD                     |
| Tensile strength perpendicular to faces <sup>e</sup> (4.3.4)                 | NPD                        | NPD                     |
| Compressive creep (4.3.6)  | NPD                        | NPD                     |
| CE Designation code  | MW-EN13162-T3-WS-MU1-AFr15 | MW-EN13162-T5-WS-WL(P)  |
| CE certificatenummer   | 0146                       | system 3                |

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<sup>e</sup> This characteristic also covers handling and installation

| Essential characteristics<br>Requirement clauses in the<br>european standard | ISOCONFORT 32 BEL | ISOCONFORT 32XS |
|--|-------------------|-----------------|
| Thermal resistance and thermal conductivity (4.2.1)                          | 0,032 mW/m.K      |                 |
| Thickness (4.2.3)  | T2                | T2              |
| Reaction to Fire (4.2.6)   | A2,S1,d0          | A2,S1,d0        |
| Water absorption (4.3.7.1)   | NPD               | NPD             |
| Water absorption (4.3.7.2)   | NPD               | NPD             |
| Water vapour transmission (4.3.8)  | NPD               |                 |
| Release of dangerous substances (4.3.13)                                     | NPD               | NPD             |
| Sound absorption (4.3.11)  | NPD               | NPD             |
| Dynamic stiffness (4.3.9)  | NPD               | NPD             |
| Thickness (4.3.10.2)   | NPD               | NPD             |
| Compressability (4.3.10.4)   | NPD               | NPD             |
| Air Flow resistivity (4.3.12)  | NPD               | NPD             |
| Air Flow resistivity (4.3.12)  | NPD               | NPD             |
| Continuous glowing combustion (4.3.15)                                       | NPD               | NPD             |
| Compressive stress or compressive strength (4.3.3)                           | NPD               | NPD             |
| Point load (4.3.5)   | NPD               | NPD             |
| Durability characteristics (4.2.7) <sup>a,b</sup>                            | NPD               | NPD             |
| Thermal resistance and thermal conductivity (4.2.1) <sup>c</sup>             | NPD               | NPD             |
| Durability characteristics (4.2.7) <sup>d</sup>                              | NPD               | NPD             |
| Tensile strength perpendicular to faces <sup>e</sup> (4.3.4)                 | NPD               | NPD             |
| Compressive creep (4.3.6)  | NPD               | NPD             |
| CE Designation code  | MW-EN13162-T2     | MW-EN13162-T2   |
| CE certificatenumber   | system 3          | system 3        |

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<sup>c</sup> 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

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| Essential characteristics<br>Requirement clauses in the<br>european standard | MUPAN ULTRA XS          | SYSTEMROLL 1000 |
|--|-------------------------|-----------------|
| Thermal resistance and thermal conductivity (4.2.1)                          | 0,032 mW/m.K            |                 |
| Thickness (4.2.3)  | T5                      | T2              |
| Reaction to Fire (4.2.6)   | A1                      | A1              |
| Water absorption (4.3.7.1)   | < 1 kg / m <sup>2</sup> | NPD             |
| Water absorption (4.3.7.2)   | < 3 kg / m <sup>2</sup> | NPD             |
| Water vapour transmission (4.3.8)  | NPD                     | NPD             |
| Release of dangerous substances (4.3.13)                                     | NPD                     | NPD             |
| Sound absorption (4.3.11)  | NPD                     | NPD             |
| Dynamic stiffness (4.3.9)  | NPD                     | NPD             |
| Thickness (4.3.10.2)   | NPD                     | NPD             |
| Compressability (4.3.10.4)   | NPD                     | NPD             |
| Air Flow resistivity (4.3.12)  | NPD                     | NPD             |
| Air Flow resistivity (4.3.12)  | NPD                     | NPD             |
| Continuous glowing combustion (4.3.15)                                       | NPD                     | NPD             |
| Compressive stress or compressive strength (4.3.3)                           | NPD                     | NPD             |
| Point load (4.3.5)   | NPD                     | NPD             |
| Durability characteristics (4.2.7) <sup>a,b</sup>                            | NPD                     | NPD             |
| Thermal resistance and thermal conductivity (4.2.1) <sup>c</sup>             | NPD                     | NPD             |
| Durability characteristics (4.2.7) <sup>d</sup>                              | NPD                     | NPD             |
| Tensile strength perpendicular to faces <sup>e</sup> (4.3.4)                 | NPD                     | NPD             |
| Compressive creep (4.3.6)  | NPD                     | NPD             |
| CE Designation code  | MW-EN13162-T5-WS-WL(P)  | MW-EN13162-T2   |
| CE certificatenummer   | 48459                   | 41520           |

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| Essential characteristics Requirement clauses in the european standard | COMFORTPANEL 32ZS-*     | MUPAN FACADE                 |
|--|-------------------------|------------------------------|
| Thermal resistance and thermal conductivity (4.2.1)                    | 0,032 mW/m.K            |                              |
| Thickness (4.2.3)  | T4                      | T5                           |
| Reaction to Fire (4.2.6)   | A2-s2,d0                | A1                           |
| Water absorption (4.3.7.1)   | < 1 kg / m <sup>2</sup> | < 1 kg / m <sup>2</sup>      |
| Water absorption (4.3.7.2)   | NPD                     | < 3 kg / m <sup>2</sup>      |
| Water vapour transmission (4.3.8)                                      | NPD                     | NPD                          |
| Release of dangerous substances (4.3.13)                               | NPD                     | NPD                          |
| Sound absorption (4.3.11)  | NPD                     | NPD                          |
| Dynamic stiffness (4.3.9)  | NPD                     | NPD                          |
| Thickness (4.3.10.2)   | NPD                     | NPD                          |
| Compressability (4.3.10.4)   | NPD                     | NPD                          |
| Air Flow resistivity (4.3.12)  | 15 kPa.s/m <sup>2</sup> | 15 kPa.s/m <sup>2</sup>      |
| Air Flow resistivity (4.3.12)  | 15 kPa.s/m <sup>2</sup> | 15 kPa.s/m <sup>2</sup>      |
| Continuous glowing combustion (4.3.15)                                 | NPD                     | NPD                          |
| Compressive stress or compressive strength (4.3.3)                     | NPD                     | NPD                          |
| Point load (4.3.5)   | NPD                     | NPD                          |
| Durability characteristics (4.2.7) <sup>a,b</sup>                      | NPD                     | NPD                          |
| Thermal resistance and thermal conductivity (4.2.1) <sup>c</sup>       | NPD                     | NPD                          |
| Durability characteristics (4.2.7) <sup>d</sup>                        | NPD                     | NPD                          |
| Tensile strength perpendicular to faces <sup>e</sup> (4.3.4)           | NPD                     | NPD                          |
| Compressive creep (4.3.6)  | NPD                     | NPD                          |
| CE Designation code  | MW-EN13162-T4-WS-AFr15  | MW-EN13162-T5-WS-WL(P)-AFr15 |
| CE certificatenumber   | 41539                   | 41534                        |

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\* Multiple ZS- codes referring to height of the cut (ZS2, ZS4, ZS6, ZS7 & ZS9)

| Essential characteristics<br>Requirement clauses in the<br>european standard | PARTY-WALL              |
|--|-------------------------|
| Thermal resistance and thermal conductivity (4.2.1)                          | 0,032 mW/m.K            |
| Thickness (4.2.3)  | T3                      |
| Reaction to Fire (4.2.6)   | A2,s1-d0                |
| Water absorption (4.3.7.1)   | NPD                     |
| Water absorption (4.3.7.2)   | NPD                     |
| Water vapour transmission (4.3.8)  | NPD                     |
| Release of dangerous substances (4.3.13)                                     | NPD                     |
| Sound absorption (4.3.11)  | NPD                     |
| Dynamic stiffness (4.3.9)  | NPD                     |
| Thickness (4.3.10.2)   | NPD                     |
| Compressability (4.3.10.4)   | NPD                     |
| Air Flow resistivity (4.3.12)  | 10 kPa.s/m <sup>2</sup> |
| Air Flow resistivity (4.3.12)  | 10 kPa.s/m <sup>2</sup> |
| Continuous glowing combustion (4.3.15)                                       | NPD                     |
| Compressive stress or compressive strength (4.3.3)                           | NPD                     |
| Point load (4.3.5)   | NPD                     |
| Durability characteristics (4.2.7) <sup>a,b</sup>                            | NPD                     |
| Thermal resistance and thermal conductivity (4.2.1) <sup>c</sup>             | NPD                     |
| Durability characteristics (4.2.7) <sup>d</sup>                              | NPD                     |
| Tensile strength perpendicular to faces <sup>e</sup> (4.3.4)                 | NPD                     |
| Compressive creep (4.3.6)  | NPD                     |
| CE Designation code  | MW-EN13162-T3-AFr10     |
| CE certificatenummer   | 41530                   |

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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 de performances est établie sous la seule responsabilité du fabricant identifié au point 4.

**Signé pour le fabricant et en son nom par:**

Mark Rippens  
Plant Manager Saint-Gobain Isover



Datum: 23-03-2022 Etten-Leur