

## PRESTATIEVERKLARING

Nr. NLD0001-0002-00 (nl)

1. Unieke identificatiecode van het producttype:
- |  |                               |
|--|-------------------------------|
| CLADIPAN 32 <sup>②</sup>                     | MW-EN-13162-T3-WS-MU1         |
| COMFORTPANEL 32ZS- <sup>*</sup> <sup>①</sup> | MW-EN-13162-T4-WS-AFr15       |
| COMFORTPANEL32 MOY <sup>①</sup>              | MW-EN-13162-T4-WS-AFr15       |
| ISOCONFORT 32XS                              | MW-EN-13162-T2-WS             |
| ISOCONFORT 32 BEL                            | MW-EN-13162-T2-WS             |
| MUPAN FAÇADE <sup>①</sup>                    | MW-EN-13162-T5-WS-WL(P)-AFr15 |
| MUPAN ULTRA XS <sup>①</sup>                  | MW-EN-13162-T5-WS-WL(P)       |
| SYSTEMROLL 1000 <sup>①</sup>                 | MW-EN-13162-T3-WS             |
| SYSTEMROLL 1000 COMFORT <sup>①</sup>         | MW-EN-13162-T3-WS             |
| PAN E4B 1000                                 | MW-EN-13162-T5-WS-WL(P)       |

*\*(zie produkttabel onder punt 9 voor meer gedetailleerde informatie)*

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)

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 1 voor het brandgedrag (euroklasse A1, A2, C, D) & AVCP Systeem 3 voor de andere kenmerken  
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:

<sup>①</sup>KIWA (aangemelde instantie n° 0620) & <sup>②</sup>ACERMI (aangemelde instantie n° 1163) heeft onder systeem 1 de volgende taken uitgevoerd : de bepaling van het producttype op grond van typeonderzoek (inclusief bemonstering); de 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) en CSTB (aangemelde instantie n°0679), heeft onder systeem 3 de volgende taken uitgevoerd : het producttype bepaalt 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**.

<b>Essential characteristics Requirement clauses in the european standard</b>	<b>CLADIPAN 32</b>	<b>PAN E4B 1000</b>
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)	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-T3-WS-MU1	MW-EN13162-T5-WS-WL(P)
CE certificatenummer	0146	system 3

<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 Requirement clauses in the European standard	SYSTEMROLL 1000 COMFORT	COMFORTPANEL32 MOY
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)	A1	A2-s2,d1
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	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-T3-WS	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 Requirement clauses in the 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	T3
Reaction to Fire (4.2.6)	A1	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)	< 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-T3-WS
CE certificatenummer	48459	41520

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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

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

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

Essential characteristics Requirement clauses in the 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)	F	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	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-WS	MW-EN13162-T2-WS
CE certificatenummer	system 3	system 3

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Essential characteristics Requirement clauses in the european standard	COMFORTPANEL 3ZS-*	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   F ( Thickness > 140 mm )
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 certificatenummer	41539	41534

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

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