

Declaration of performance

N° NLD0001-0002-03 (EN)

1. Unique identification code of the product-type:
- | | |
|--------------------------------------|-------------------------------|
| CLADIPAN 32 ^② | MW-EN-13162-T3-WS-MU1-AFr15 |
| COMFORTPANEL 32ZS-* ^① | MW-EN-13162-T4-WS-AFr15 |
| COMFORTPANEL32 MOY ^① | MW-EN-13162-T4-WS-AFr15 |
| ISOCONFORT 32XS | MW-EN-13162-T2-WS |
| ISOCONFORT 32 BEL | MW-EN-13162-T2-WS |
| MUPAN FAÇADE ^① | MW-EN-13162-T5-WS-WL(P)-AFr15 |
| MUPAN ULTRA XS ^① | MW-EN-13162-T5-WS-WL(P) |
| SYSTEMROLL 1000 ^① | MW-EN-13162-T3-WS |
| SYSTEMROLL 1000 COMFORT ^① | MW-EN-13162-T3-WS |
| PAN E4B 1000 | MW-EN-13162-T5-WS-WL(P) |
| Timberframe Roll 32 ^① | MW-EN-13162-T3-WS |

**(see product table point 9 for more detailed info)*

2. Element allowing identification of the construction product:

Unique product name & code stated under point 1.
See also product label for traceability

3. Intended use (according harmonised technical specification)

Thermal insulation of Buildings (THiB)

4. Name, registered trade name and contact address of the manufacturer:

SAINT-GOBAIN Construction Products NLD b.v.
Parallelweg 20, 4878 AH, Etten – Leur, Nederland

5. Name and contact address of the authorised representative:

Not applicable

6. System(s) of Assessment and Verification of Constancy of Performance of the construction product:

AVCP System 1 for Reaction to fire (A1, A2, B, C) & AVCP System 3 for other characteristics
AVCP System 4 for Reaction to Fire (F) & AVCP System 3 for other characteristics

7. Case a construction product covered by a harmonised standard:

^①KIWA (Notified Body n° 0620) & ^②ACERMI (Notified Body n° 1163)
- performed the determination of the product-type on the basis of type testing (including sampling);
initial inspection of the manufacturing plant and of factory production control; continuous
surveillance, assessment and evaluation of factory production control ; under system 1.

BDA (Notified Body n°1640), KIWA (Notified Body n° 0620), and CSTB (Notified Body n°0679),
performed the determination of the product-type on the basis of type testing (based on sampling
carried out by the manufacturer), under system 3.

8. Case of a construction product for which a European Technical Assessment has been issued:

Not applicable

9. Declared performance:

All characteristics listed in the table hereunder are determined in harmonised standard
EN 13162:2012+A1:2015

Essential characteristics Requirement clauses in the 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 ²	< 1 kg / m ²
Water absorption (4.3.7.2)	NPD	< 3 kg / m ²
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 ²	NPD
Air Flow resistivity (4.3.12)	15 kPa.s/m ²	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) ^{a,b}	NPD	NPD
Thermal resistance and thermal conductivity (4.2.1) ^c	NPD	NPD
Durability characteristics (4.2.7) ^d	NPD	NPD
Tensile strength perpendicular to faces ^e (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

^a No change in reaction to fire properties for mineral wool products.

^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 For dimensional stability thickness only

^e 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 ²	< 1 kg / m ²
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 ²
Air Flow resistivity (4.3.12)	NPD	15 kPa.s/m ²
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) ^{a,b}	NPD	NPD
Thermal resistance and thermal conductivity (4.2.1) ^c	NPD	NPD
Durability characteristics (4.2.7) ^d	NPD	NPD
Tensile strength perpendicular to faces ^e (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

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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 ²	< 1 kg / m ²
Water absorption (4.3.7.2)	< 3 kg / m ²	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) ^{a,b}	NPD	NPD
Thermal resistance and thermal conductivity (4.2.1) ^c	NPD	NPD
Durability characteristics (4.2.7) ^d	NPD	NPD
Tensile strength perpendicular to faces ^e (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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^d For dimensional stability thickness only

^e 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 ²	< 1 kg / m ²
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) ^{a,b}	NPD	NPD
Thermal resistance and thermal conductivity (4.2.1) ^c	NPD	NPD
Durability characteristics (4.2.7) ^d	NPD	NPD
Tensile strength perpendicular to faces ^e (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
Water absorption (4.3.7.1)	< 1 kg / m ²	< 1 kg / m ²
Water absorption (4.3.7.2)	NPD	< 3 kg / m ²
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 ²	15 kPa.s/m ²
Air Flow resistivity (4.3.12)	15 kPa.s/m ²	15 kPa.s/m ²
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) ^{a,b}	NPD	NPD
Thermal resistance and thermal conductivity (4.2.1) ^c	NPD	NPD
Durability characteristics (4.2.7) ^d	NPD	NPD
Tensile strength perpendicular to faces ^e (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)

Essential characteristics Requirement clauses in the european standard	Timberframe Roll 32
Thermal resistance and thermal conductivity (4.2.1)	0,032 mW/m.K
Thickness (4.2.3)	T3
Reaction to Fire (4.2.6)	A1
Water absorption (4.3.7.1)	< 1 kg / m ³
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)	NPD
Air Flow resistivity (4.3.12)	NPD
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) ^{a,b}	NPD
Thermal resistance and thermal conductivity (4.2.1)	NPD
Durability characteristics (4.2.7) ^d	NPD
Tensile strength perpendicular to faces ^e (4.3.4)	NPD
Compressive creep (4.3.6)	NPD
CE Designation code	MW-EN13162-T3-WS
CE certificatenummer	0620-CPD-41520

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10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Wim Thijs
Plantmanager Saint-Gobain Isover

Date: 07-12-2016

Etten – Leur