

Declaration of Performance

Nr. NLD0001-0005-06 (EN)

1. Unique identification code of the product-type:

ISOCONFORT 35 BEL	MW-EN-13162-T2-WS
COMFI UNI G3	MW-EN-13162-T2-WS
MUPAN	MW-EN-13162-T5-WS-WL(P)
MUPAN 35	MW-EN-13162-T5-WS-WL(P)
RENOPAN	MW-EN-13162-T5-WS-WL(P)
HEAT SHIELD	MW-EN-13162-T2-WS
PAN NO700	MW-EN-13162-T4
EASYPAN	MW-EN-13162-T5-WS-WL(P)-AFr10
SYSTEMROLL 700	MW-EN-13162-T2
SYSTEMROLL 700 G3	MW-EN-13162-T3
TIMBERFRAME 35	MW-EN-13162-T3
SONEBEL 113	MW-EN-13162-T4-AFr10
PARTYWALL BEL	MW-EN-13162-T3
ROLLISOL PLUS 35	MW-EN-13162-T3
CLADIPAN 35	MW-EN-13162-T4-WS
CLADIPAN 35 BLACK	MW-EN-13162-T4-WS

2. Element allowing identification of the construction product:

Unique product name & code as stated under point 1
(see also product label for traceability)

3. Intended use (according harmonized technical specification):

Thermal insulation of Buildings (THiB)

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

SAINT-GOBAIN ISOVER
Parallelweg 20, 4878 AH, Etten-Leur, Netherlands

5. Name and contact address of the authorized 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 (euro class A1, A2, B, C) & AVCP System 3 for other characteristics
AVCP System 4 for Reaction to Fire (euro class F) & AVCP System 3 for other characteristics

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

KIWA (Notified Body n° 0620)

- 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)

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 harmonized **standard EN 13162:2012+A1:2015**.

Essential characteristics Requirement clauses in the european standard	ISOCONFORT 35 BEL	COMFI UNI G3
Thermal resistance and thermal conductivity (4.2.1)	0,035 mW/m.K	
Thickness (4.2.3)	T2	T2
Reaction to Fire (4.2.6)	A2-s1,do	F (>160 mm)
Water absorption (4.3.7.1)	< 1 kg / m ²	
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) ^c	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-T2-WS	MW-EN13162-T2-WS
CE certificatenumber	48456	48456

^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	MUPAN MUPAN 35 RENOPAN	HEAT SHIELD
Thermal resistance and thermal conductivity (4.2.1)	0,035 mW/m.K	
Thickness (4.2.3)	T5	T2
Reaction to Fire (4.2.6)	A1	F (> 140 mm)
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-T2-WS
CE certificatenumber	41532	48456

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Essential characteristics Requirement clauses in the european standard	ROLLISOL PLUS 35	PAN N0700
Thermal resistance and thermal conductivity (4.2.1)	0,035 mW/m.K	
Thickness (4.2.3)	T3	T4
Reaction to Fire (4.2.6)	F	A1
Water absorption (4.3.7.1)	NPD	NPD
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	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-T3	MW-EN13162-T4
CE certificatenumber	SYSTEM 3	41520

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Essential characteristics Requirement clauses in the european standard	SONEBEL 113	EASYPAN
Thermal resistance and thermal conductivity (4.2.1)	0,035 mW/m.K	
Thickness (4.2.3)	T4	T5
Reaction to Fire (4.2.6)	A1	A1
Water absorption (4.3.7.1)	NPD	< 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)	10 kPa.s/m ²	10 kPa.s/m ²
Air Flow resistivity (4.3.12)	10 kPa.s/m ²	10 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-AFr10	MW-EN13162-T5-WS-WL(P)-AFr10
CE certificatenumber	41534	41532

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Essential characteristics Requirement clauses in the european standard	SYSTEMROLL 700	SYSTEMROLL 700 G3 TIMBERFRAME 35
Thermal resistance and thermal conductivity (4.2.1)	0,035 mW/m.K	
Thickness (4.2.3)	T2	T3
Reaction to Fire (4.2.6)	A1	F (> 190 mm)
Water absorption (4.3.7.1)	NPD	NPD
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	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-T3	MW-EN13162-T3
CE certificatenummer	41520	41520

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Essential characteristics	Requirement clauses in the european standard	Cladipan 35	Cladipan 35 BLACK
Thermal resistance	Thermal resistance and thermal conductivity (4.2.1)	0,035 mW/m.K	
	Thickness (4.2.3)	T4	T4
Reaction to fire Euroclass characteristics	Reaction to Fire (4.2.1)	A2,s1-d0	E
Water permeability	Water absorption (4.3.1)	< 1 kg / m ²	< 1 kg / m ²
	Water absorption (4.3.2)	NPD	NPD
Water Vapour permeability	Water vapour transmissivity (4.3.3)	NPD	NPD
Release of dangerous substances to the indoor environment	Release of dangerous substances (4.3.13)	NPD	NPD
Acoustic absorption index	Sound absorption (4.3.11)	NPD	NPD
Impact Noise transmission index (for floors)	Dynamic stiffness (4.3.10.1)	NPD	NPD
	Thickness (4.3.10.2)	NPD	NPD
	Compressability (4.3.10.3)	NPD	NPD
	Air Flow resistivity (4.3.10.4)	NPD	NPD
Direct Airborne sound insulation index	Air Flow resistivity (4.3.10.4)	NPD	NPD
Continuous glowing combustion	Continuous glowing combustion (4.3.15)	NPD	NPD
Compressive strength	Compressive stress or compressive strength (4.3.3)	NPD	NPD
	Point load (4.3.5)	NPD	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability characteristics (4.3.16)	NPD	NPD
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance and thermal conductivity (4.2.1) ^c	NPD	NPD
	Durability characteristics (4.3.16)	NPD	NPD
Tensile/flexural strength	Tensile strength perpendicular to faces ^e (4.3.4)	NPD	NPD
durability of compressive strength against ageing/degradation	Compressive creep (4.3.6)	NPD	NPD
CE Designation code		MW-EN13162-T4-WS	MW-EN13162-T4-WS
CE certificatenummer		85444	DoP:0001-0005-06NL

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Essential characteristics Requirement clauses in the european standard	PARTY-WALL BEL
Thermal resistance and thermal conductivity (4.2.1)	0,035 mW/m.K
Thickness (4.2.3)	T3
Reaction to Fire (4.2.6)	A2-s1,d0
Water absorption (4.3.7.1)	< 1 kg / m ²
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) ^c	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	41530

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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:

Mark Rippens
Plant Manager Saint-Gobain Isover



Date: 24-02-2022

Etten-Leur