Declaration of Performance

Nr. NLD0001-0006-05 (EN)

1. **Unique identification code of the product-type:**

CLADISOL ZS-4	**MW-EN-13162-T3-WS-AFr5**
ISOLATIEPLAAT 36	**MW-EN-13162-T3**
SONEPANEL 36	**MW-EN-13162-T3**
SONEROLL 36	**MW-EN-13162-T3**

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 Construction Products Nederland B.V. divisie Isover
   Parallelweg 20, 4878 AH, Etten-Leur, Nederland

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	CLADISOL ZS*	ISOLATIEPLAAT 36
Thermal resistence	Thermal resistance and thermal conductivity (4.2.1)	0,036 W/m.K	
	Thickness (4.2.3)	T3	T3
Reaction to fire Euroclass characteristics	Reaction to Fire (4.2.6)	A1	A1
Water permeability	Water absorption (4.3.7.1)	< 1 kg / m^3	NPD
	Water absorption (4.3.7.2)	NPD	NPD
Water Vapour permeability	Water vapour transmission (4.3.8)	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 (4.3.9)	NPD	NPD
	Thickness (4.3.10.2)	NPD	NPD
	Compressability (4.3.10.4)	NPD	NPD
	Air Flow resistivity (4.3.12)	5 kPa.s/m^2	NPD
Direct Airborne sound insulation index	Air Flow resistivity (4.3.12)	5 kPa.s/m^2	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/degredation	Durability characteristics (4.2.7)[a,b]	NPD	NPD
Durability of thermal resistence against heat, weathering, ageing/degradation	Thermal resistance and thermal conductivity (4.2.1)[c]	NPD	NPD
	Durability characteristics (4.2.7)[d]	NPD	NPD
Tensile/flexural strength	Tensile strength perpendular 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-T3-WS-AFr5	MW-EN13162-T3
CE certificatenumber		0620-CPR-41531	0620-CPR-41531

[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 porossity contains no other gasses than atmospheric air

[d] For dimensional stability thickness only

[e] This characteristic also covers handling and installation

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

Essential characteristics	Requirement clauses in the european standard	SONEPANEL 36	SONEROLL 36
Thermal resistence	Thermal resistance and thermal conductivity (4.2.1)	0,036 W/m.K	
	Thickness (4.2.3)	T3	T3
Reaction to fire Euroclass characteristics	Reaction to Fire (4.2.6)	A1	A1
Water permeability	Water absorption (4.3.7.1)	NPD	NPD
	Water absorption (4.3.7.2)	NPD	NPD
Water Vapour permeability	Water vapour transmission (4.3.8)	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 (4.3.9)	NPD	NPD
	Thickness (4.3.10.2)	NPD	NPD
	Compressability (4.3.10.4)	NPD	NPD
	Air Flow resistivity (4.3.12)	NPD	NPD
Direct Airborne sound insulation index	Air Flow resistivity (4.3.12)	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/degredation	Durability characteristics (4.2.7)[a,b]	NPD	NPD
Durability of thermal resistence against heat, weathering, ageing/degradation	Thermal resistance and thermal conductivity (4.2.1) [c]	NPD	NPD
	Durability characteristics (4.2.7)[d]	NPD	NPD
Tensile/flexural strength	Tensile strength perpendular 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-T3	MW-EN13162-T3
CE certificatenumber		0620-CPR-41531	0620-CPR-41531

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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:

M.M.J. Rippens
Plant Manager Saint-Gobain Construction Products Nederland B.V.

Date: 29/08/2024 Etten-Leur