

## PRESTATIEVERKLARING

Nr. NLD0001-0006-01 (NL)

**1. Unieke identificatiecode van het producttype:**

CLADIROL 36	MW-EN-13162-T2-WS-MU1	<sup>2</sup> (zie punt 7)
CLADIROLL	MW-EN-13162-T2-WS-AFr5	<sup>1</sup> (zie punt 7)
CLADISOL	MW-EN-13162-T3-WS-AFr5	<sup>1</sup> (zie punt 7)
CLADISOL E1	MW-EN-13162-T3-WS-AFr5	<sup>1</sup> (zie punt 7)
CLADISOL ZS-4	MW-EN-13162-T3-WS-AFr5	<sup>1</sup> (zie punt 7)
CLADISOL ZS-6	MW-EN-13162-T3-WS-AFr5	<sup>1</sup> (zie punt 7)
FLEX V218	MW-EN-13162-T2	<sup>1</sup> (zie punt 7)
FLEX NO18	MW-EN-13162-T2	

**2. Identificatiemiddel voor het bouwproduct:**

Unieke productnaam en code (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:**

①KIWA (aangemelde instantie n° 0620) & ②ACERMI (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 13162:2012+A1:2015**.

Essential characteristics Requirement clauses in the european standard	CLADIROL 36	CLADIROLL
Thermal resistance and thermal conductivity (4.2.1)	0,036 mW/m.K	
Thickness (4.2.3)	T2	T2
Reaction to Fire (4.2.6)	A2-s1,do	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	NPD
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	5 kPa.s/m <sup>2</sup>
Air Flow resistivity (4.3.12)	NPD	5 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-WS-MU1	MW-EN13162-T2-WS-AFr5
CE certificatenummer	0034	41531

<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	CLADISOL	CLADISOL E1
Thermal resistance and thermal conductivity (4.2.1)	0,036 mW/m.K	
Thickness (4.2.3)	T3	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)	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)	5 kPa.s/m <sup>2</sup>	5 kPa.s/m <sup>2</sup>
Air Flow resistivity (4.3.12)	5 kPa.s/m <sup>2</sup>	5 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-AFr5	MW-EN13162-T3-WS-AFr5
CE certificatenumber	41531	41531

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Essential characteristics Requirement clauses in the european standard	CLADISOL ZS-4	CLADISOL ZS-6
Thermal resistance and thermal conductivity (4.2.1)	0,036 mW/m.K	
Thickness (4.2.3)	T3	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)	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)	5 kPa.s/m <sup>2</sup>	5 kPa.s/m <sup>2</sup>
Air Flow resistivity (4.3.12)	5 kPa.s/m <sup>2</sup>	5 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-AFr5	MW-EN13162-T3-WS-AFr5
CE certificatenumber	41531	41531

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Essential characteristics Requirement clauses in the european standard	FLEX V218	FLEX NO18
Thermal resistance and thermal conductivity (4.2.1)	0,036 mW/m.K	
Thickness (4.2.3)	T2	T2
Reaction to Fire (4.2.6)	A1	F
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) <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	41531	SYSTEM 3

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**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:**

Mark Rippens  
Plant Manager Saint-Gobain Isover



Datum: 25-6-2020

Etten-Leur