

## PRESTATIEVERKLARING

Nr. NLD0002-0002-00 (nl)

1. Unieke identificatiecode van het producttype:

CLIMLINER ROLL V2	MW-EN14303-T3-ST(+) <sup>125</sup> -pH8.5
DUCT INSUL A124	MW-EN14303-T2-ST(+) <sup>125</sup> -pH8.5
CLIM COVER ROLL ALU 2	MW-EN14303-T3-ST(+) <sup>125</sup> -pH8.5
DUCT INSUL A419	MW-EN14303-T3-ST(+) <sup>125</sup> -pH8.5
FIB AIR FONIC M1	MW-EN14303-T3-ST(+) <sup>125</sup> -pH8.5
CLIMLINER SLAB 602	MW-EN14303-T3-ST(+) <sup>125</sup> -Ph6.5
DUCT LINER 302	MW-EN14303-T3-ST(+) <sup>125</sup>
DUCT INSUL A116	MW-EN14303-T2-ST(+) <sup>125</sup>

2. Identificatiemiddel voor het bouwproduct:

Unieke naam 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 gebouwuitrusting en industriële installaties (ThIBEII)

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

7. Indien de prestatieverklaring betrekking heeft op een bouwproduct dat onder een geharmoniseerde norm valt:

KIWA (aangemelde instantie 0620)  
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 0620)  
en FIW (aangemelde instantie Nr. 0751), hebben onder systeem 3 de volgende taken uitgevoerd : bepaalt het producttype 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 14303:2009+A1:2013**.

Essential characteristics		Performance	
		Climliner Roll v2	Duct insul A124
Reaction to fire - Euroclass Characteristics	Reaction to fire 4.2.4 Euroclass Characteristics	A2-s1,d0	A2-s1,d0
Thermal resistance	Thermal Conductivity [in W/(m.K)] (4.2.1)		
	at 10 °C	0.033	0.032
	at 20 °C	0.036	0.034
	at 30 °C	0.038	0.036
	at 40 °C	0.040	0.038
	at 50 °C	0.043	0.04
	Dimensions & Tolerances (4.2.2)	T3	T2
Water permeability	Water absorption (4.3.5)	NPD	NPD
water vapour permeability	Water vapour diffusion resistance (4.3.6)	NPD	NPD
Compressive strength	Compressive stress or compressive strength for flat products (4.3.4)	NPD	NPD
		NPD	NPD
Rate of release of corrosive substances	Trace quantities of water-soluble ions and the pH value (4.3.7)		
	Trace quantity of ions Cl	NPD	NPD
	Trace quantity of ions F	NPD	NPD
	Trace quantity of ions SiO <sub>3</sub>	NPD	NPD
	Trace quantity of ions Na	NPD	NPD
	Value of pH	8,5	8.5
Release of dangerous substances to the indoor environment	Release of dangerous substances (4.3.9)	NPD (a)	NPD (a)
Continuous glowing combustion	Continuous glowing combustion (4.3.10) <sup>(b)</sup>	NPD	NPD
Durability of reaction to fire against ageing/degradation	Durability characteristics (4.2.5)	(c)	(c)
Durability of thermal resistance against ageing/degradation and against high temperature	Thermal Conductivity (4.2.1)	(d)	(d)
	Dimensions and tolerances (4.2.2)	T3	T2
	Dimensional stability (4.2.3) , or Maximum Service Temperature - dimensional stability (4.3.2)	125 <sup>0</sup> C (at 250 Pa)	125°C ( at 500 Pa)
	Durability characteristics (4.2.5)	(d)	(d)
Durability of reaction to fire against high temperature	Durability characteristics (4.2.5)	(e)	(e)
	Dimensional stability (4.2.3) , or Maximum Service Temperature - dimensional stability (4.3.2)	125 <sup>0</sup> C (at 250 Pa)	125°C ( at 500 Pa)
acoustic absorption index	Sound Absorption (4.3.8)	NPD	NPD
CE Designation code		MW-EN-14303-T3-ST(+)-125-pH8.5	MW-EN-14303-T2-ST(+)-125-pH8.5
CE certificate		64720	64722

(a) An informative database of European and national provisions on dangerous substances is available at the Construction web site on EUROPA (accessed through <http://ec.europa.eu/enterprise/construction/cpd-ds/>).

(b) A European test method is under development and the standard will be amended when this is available.

(c) 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 with time.

(d) 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 gases than atmospheric air.

(e) The fire performance of mineral wool does not deteriorate with high temperature. The Euroclass classification of the product is related to the organic content, which remains constant or decreases with high temperature.

Essential characteristics		Performance	
		CLIM COVER Roll Alu2	Duct insul 419
Reaction to fire - Euroclass Characteristics	Reaction to fire 4.2.4 Euroclass Characteristics	A2-s1,d0	A2-s1,d0
Thermal resistance	Thermal Conductivity [in W/(m.K)] (4.2.1)		
	at 10 °C	0.033	0.033
	at 20 °C	0.035	0.035
	at 30 °C	0.037	0.037
	at 40 °C	0.039	0.039
	at 50 °C	0.041	0.041
	Dimensions & Tolerances (4.2.2)	T2	T2
Water permeability	Water absorption (4.3.5)	NPD	NPD
water vapour permeability	Water vapour diffusion resistance (4.3.6)	NPD	NPD
Compressive strength	Compressive stress or compressive strength for flat products (4.3.4)	NPD	NPD
		NPD	NPD
Rate of release of corrosive substances	Trace quantities of water-soluble ions and the pH value (4.3.7)		
	Trace quantity of ions Cl	NPD	NPD
	Trace quantity of ions F	NPD	NPD
	Trace quantity of ions SiO <sub>3</sub>	NPD	NPD
	Trace quantity of ions Na	NPD	NPD
	Value of pH	8.5	9.5
Release of dangerous substances to the indoor environment	Release of dangerous substances (4.3.9)	NPD (a)	NPD (a)
Continuous glowing combustion	Continuous glowing combustion (4.3.10) <sup>(b)</sup>	NPD	NPD
Durability of reaction to fire against ageing/degradation	Durability characteristics (4.2.5)	(c)	(c)
Durability of thermal resistance against ageing/degradation and against high temperature	Thermal Conductivity (4.2.1)	(d)	(d)
	Dimensions and tolerances (4.2.2)	T2	T3
	Dimensional stability (4.2.3) , or Maximum Service Temperature - dimensional stability (4.3.2)	125°C ( at 500 Pa)	125°C ( at 500 Pa)
	Durability characteristics (4.2.5)	(d)	(d)
Durability of reaction to fire against high temperature	Durability characteristics (4.2.5)	(e)	(e)
	Dimensional stability (4.2.3) , or Maximum Service Temperature - dimensional stability (4.3.2)	125°C ( at 500 Pa)	125°C ( at 500 Pa)
acoustic absorption index	Sound Absorption (4.3.8)	NPD	NPD
CE Designation code		MW-EN-14303-T3-ST(+) <sub>125-pH8.5</sub>	MW-EN-14303-T3-ST(+) <sub>125-pH8.5</sub>
CE certificate		64722	64722

(a) An informative database of European and national provisions on dangerous substances is available at the Construction web site on EUROPA (accessed through <http://ec.europa.eu/enterprise/construction/cpd-ds/>).

(b) A European test method is under development and the standard will be amended when this is available.

(c) 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 with time.

(d) 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 gases than atmospheric air.

(e) The fire performance of mineral wool does not deteriorate with high temperature. The Euroclass classification of the product is related to the organic content, which remains constant or decreases with high temperature.

Essential characteristics		Performance	
		Fib Air Fonic M1	Climliner Slab 602
Reaction to fire - Euroclass Characteristics	Reaction to fire 4.2.4 Euroclass Characteristics	A2-s1,d0	A2-s1,d0
Thermal resistance	Thermal Conductivity [in W/(m.K)] (4.2.1)		
	at 10 °C	0.033	0.032
	at 20 °C	0.036	NPD
	at 30 °C	0.038	0.036
	at 40 °C	0.040	NPD
	at 50 °C	0.043	0.039
	Dimensions & Tolerances (4.2.2)	T3	T3
Water permeability	Water absorption (4.3.5)	NPD	NPD
water vapour permeability	Water vapour diffusion resistance (4.3.6)	NPD	NPD
Compressive strength	Compressive stress or compressive strength for flat products (4.3.4)	NPD	NPD
		NPD	NPD
Rate of release of corrosive substances	Trace quantities of water-soluble ions and the pH value (4.3.7)		
	Trace quantity of ions Cl	NPD	NPD
	Trace quantity of ions F	NPD	NPD
	Trace quantity of ions SiO <sub>3</sub>	NPD	NPD
	Trace quantity of ions Na	NPD	NPD
	Value of pH	8.5	6.5
Release of dangerous substances to the indoor environment	Release of dangerous substances (4.3.9)	NPD (a)	NPD (a)
Continuous glowing combustion	Continuous glowing combustion (4.3.10) <sup>(b)</sup>	NPD	NPD
Durability of reaction to fire against ageing/degradation	Durability characteristics (4.2.5)	(c)	(c)
Durability of thermal resistance against ageing/degradation and against high temperature	Thermal Conductivity (4.2.1)	(d)	(d)
	Dimensions and tolerances (4.2.2)	T3	T3
	Dimensional stability (4.2.3) , or Maximum Service Temperature - dimensional stability (4.3.2)	125 <sup>0</sup> C (at 250 Pa)	125 <sup>0</sup> C (at 500 Pa)
	Durability characteristics (4.2.5)	(d)	(d)
Durability of reaction to fire against high temperature	Durability characteristics (4.2.5)	(e)	(e)
	Dimensional stability (4.2.3) , or Maximum Service Temperature - dimensional stability (4.3.2)	125 <sup>0</sup> C (at 250 Pa)	125 <sup>0</sup> C (at 500 Pa)
acoustic absorption index	Sound Absorption (4.3.8)	NPD	NPD
CE Designation code		MW-EN-14303-T3-ST(+)-125-pH8.5	MW-EN-14303-T3-ST(+)-125-Ph6,5
CE certificate		64720	64721

(a) An informative database of European and national provisions on dangerous substances is available at the Construction web site on EUROPA (accessed through <http://ec.europa.eu/enterprise/construction/cpd-ds/> ).

(b) A European test method is under development and the standard will be amended when this is available.

(c) 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 with time.

(d) 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 gases than atmospheric air.

(e) The fire performance of mineral wool does not deteriorate with high temperature. The Euroclass classification of the product is related to the organic content, which remains constant or decreases with high temperature.

Essential characteristics		Performance	
		Duct Liner 302	Duct Insul A116
Reaction to fire - Euroclass Characteristics	Reaction to fire 4.2.4 Euroclass Characteristics	A2-s1,d0	F
Thermal resistance	Thermal Conductivity [in W/(m.K)] (4.2.1)		
	at 10 °C	0.033	0.036
	at 20 °C	NPD	NPD
	at 30 °C	0.036	0.040
	at 40 °C	NPD	NPD
	at 50 °C	0.039	0.045
	Dimensions & Tolerances (4.2.2)	T3	T2
Water permeability	Water absorption (4.3.5)	NPD	NPD
water vapour permeability	Water vapour diffusion resistance (4.3.6)	NPD	NPD
Compressive strength	Compressive stress or compressive strength for flat products (4.3.4)	NPD	NPD
		NPD	NPD
Rate of release of corrosive substances	Trace quantities of water-soluble ions and the pH value (4.3.7)		
	Trace quantity of ions Cl	NPD	NPD
	Trace quantity of ions F	NPD	NPD
	Trace quantity of ions SiO <sub>3</sub>	NPD	NPD
	Trace quantity of ions Na	NPD	NPD
	Value of pH	NPD	NPD
Release of dangerous substances to the indoor environment	Release of dangerous substances (4.3.9)	NPD (a)	NPD (a)
Continuous glowing combustion	Continuous glowing combustion (4.3.10) <sup>(b)</sup>	NPD	NPD
Durability of reaction to fire against ageing/degradation	Durability characteristics (4.2.5)	(c)	(c)
Durability of thermal resistance against ageing/degradation and	Thermal Conductivity (4.2.1)	(d)	(d)
	Dimensions and tolerances (4.2.2)	T3	T2
	Dimensional stability (4.2.3) , or Maximum Service Temperature - dimensional stability (4.3.2)	125° C (at 250 Pa)	125° C (at 250 Pa)
	Durability characteristics (4.2.5)	(d)	(d)
Durability of reaction to fire against high temperature	Durability characteristics (4.2.5)	(e)	(e)
	Dimensional stability (4.2.3) , or Maximum Service Temperature - dimensional stability (4.3.2)	125° C (at 250 Pa)	125° C (at 250 Pa)
acoustic absorption index	Sound Absorption (4.3.8)	NPD	NPD
CE Designation code		MW-EN-14303-T3-ST(+)-125	MW-EN-14303-T2-ST(+)-125
CE certificate		64721	NA

(a) An informative database of European and national provisions on dangerous substances is available at the Construction web site on EUROPA (accessed through <http://ec.europa.eu/enterprise/construction/cpd-ds/>).

(b) A European test method is under development and the standard will be amended when this is available.

(c) 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 with time.

(d) 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 gases than atmospheric air.

(e) The fire performance of mineral wool does not deteriorate with high temperature. The Euroclass classification of the product is related to the organic content, which remains constant or decreases with high temperature.

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

