

LEISTUNGSERKLÄRUNG

Nr. NLD0001-0006-01 (DE)

1. Eindeutiger Kenncode des Produkttyps:

| | | |
|---------------|------------------------|------------------------------|
| CLADIROL 36 | MW-EN-13162-T2-WS-MU1 | ² (siehe Punkt 7) |
| CLADIROLL | MW-EN-13162-T2-WS-AFr5 | ¹ (siehe Punkt 7) |
| CLADISOL | MW-EN-13162-T3-WS-AFr5 | ¹ (siehe Punkt 7) |
| CLADISOL E1 | MW-EN-13162-T3-WS-AFr5 | ¹ (siehe Punkt 7) |
| CLADISOL ZS-4 | MW-EN-13162-T3-WS-AFr5 | ¹ (siehe Punkt 7) |
| CLADISOL ZS-6 | MW-EN-13162-T3-WS-AFr5 | ¹ (siehe Punkt 7) |
| FLEX V218 | MW-EN-13162-T2 | ¹ (siehe Punkt 7) |
| FLEX NO18 | MW-EN-13162-T2 | |

2. Kennzeichen zur Identifikation des Bauprodukts:

Einzighartes Produkt Namen und Code (wie unter Punkt 1 genannten) (Siehe auch Etikett für die Rückverfolgbarkeit)

3. Vorgesehener Verwendungszweck (gemäß der harmonisierten technischen Spezifikation):

Wärmedämmung für die Gebäudeausrüstung (THiB)

4. Name, eingetragener Handelsname und Kontaktanschrift des Herstellers:

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

5. Name und Kontaktanschrift des Bevollmächtigten:

Nicht anwendbar

6. System(e) zur Bewertung und Überprüfung der Leistungsbeständigkeit des Bauprodukts:

AVCP System 1 für Brandverhalten A1 – A3 & AVCP System 3 für anderen Eigenschaften
AVCP System 4 für Brandverhalten F & AVCP System 3 für anderen Eigenschaften

7. Im Falle der Leistungserklärung, die ein Bauprodukt betrifft, das von einer harmonisierten Norm erfasst wird:

KIWA (Notifizierten Stelle n° 0620) hat Feststellung des Produkttyps anhand einer Typprüfung (einschließlich Probenahme); Erstinspektion des Werks und der werkseigenen Produktionskontrolle; laufende Überwachung, Bewertung und Evaluierung der werkseigenen Produktionskontrolle; nach dem System 1

BDA (Notifizierten Stelle n°1640) & KIWA (Notifizierten Stelle n° 0620), hat stellt anhand einer Typprüfung (auf der Grundlage der vom Hersteller gezogenen Stichprobe), den Produkttyp fest, nach dem System 3 vorgenommen.

8. Im Falle der Leistungserklärung, die ein Bauprodukt betrifft, für das eine Europäische Technische Bewertung ausgestellt worden ist:

Nicht anwendbar

9. Erklärte Leistung:

Alle Eigenschaften in der nachstehenden Tabelle aufgeführt sind in der harmonisierten Norm **EN 13162:2012+A1:2015** festgelegt.

| 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 ² | < 1 kg / m ² |
| 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 ² |
| Air Flow resistivity (4.3.12) | NPD | 5 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-T2-WS-MU1 | MW-EN13162-T2-WS-AFr5 |
| CE certificatenumber | 0034 | 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 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 | 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 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) | 5 kPa.s/m ² | 5 kPa.s/m ² |
| Air Flow resistivity (4.3.12) | 5 kPa.s/m ² | 5 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-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 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) | 5 kPa.s/m ² | 5 kPa.s/m ² |
| Air Flow resistivity (4.3.12) | 5 kPa.s/m ² | 5 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-AFr5 | MW-EN13162-T3-WS-AFr5 |
| CE certificatenumber | 41531 | 41531 |

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^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 | 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) ^{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 | MW-EN13162-T2 |
| CE certificatenumber | 41531 | SYSTEM 3 |

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^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

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^e This characteristic also covers handling and installation

10. Die Leistung des Produkts gemäß den Nummern 1 und 2 entspricht der erklärten Leistung nach Nummer 9.

Verantwortlich für die Erstellung dieser Leistungserklärung ist allein der Hersteller gemäß Nummer 4.

Unterzeichnet für den Hersteller und im Namen des Herstellers von:

Mark Rippens
Plant Manager Saint-Gobain Isover



Datum: 25-6-2020

Etten-Leur