Declaration of performance

N° NLD0001-0009-00 (en)

1. Unique identification code of the product-type:

PAR CONFORT②	MW-EN13162-T2-WS-MU1
FEUTRE BARDAGE②	MW-EN13162-T2-WS-MU1
PANOLENE BARDAGE②	MW-EN13162-T2-WS-MU1
FLEX N0200①	MW-EN13162-T1
SYSTEMROLL 200①	MW-EN13162-T2
ROLLISOL PLUS①	MW-EN13162-T2
FLEX V2 10①	MW-EN13162-T1
IBR D0 ALUKRAFT①	MW-EN13162-T2
METAL BUILDING ROLL①	MW-EN13162-T2
ZOLDERISOLATIE①	MW-EN13162-T1
VARIO COMFORT ROLL①	MW-EN13162-T2

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 harmonised technical specification)

Thermal insulation of Buildings (THiB)

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

SAINT-GOBAIN Construction Products NLD b.v.
Parallelweg 20, 4878 AH, Etten – Leur, Nederland

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

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

①KIWA (Notified Body n° 0620) & ②ACERMI (Notified Body n° 1163)
- 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)and CSTB (Notified Body n°0679), 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 harmonised standard **EN 13162:2012**

Essential characteristics Requirement clauses in the european standard	**PAR CONFORT**	**FEUTRE BARDAGE**
Thermal resistance and thermal conductivity (4.2.1)	0,040 mW/m.K	
Thickness (4.2.3)	T2	T2
Reaction to Fire (4.2.6)	A2-s1,d0	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	≤1
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 perpendular 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-MU1
CE certificatenumber	0148	0024

[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

Essential characteristics Requirement clauses in the european standard	**PANOLENE BARDAGE**	**FLEX N0200**
Thermal resistance and thermal conductivity (4.2.1)	0,040 mW/m.K	
Thickness (4.2.3)	T2	T1
Reaction to Fire (4.2.6)	A1	A1
Water absorption (4.3.7.1)	< 1 kg / m^2	NPD
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	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 perpendular 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-T1
CE certificatenumber	0024	41520

[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

Essential characteristics Requirement clauses in the european standard	**SYSTEMROLL 200**	**ZOLDERISOLATIE**
Thermal resistance and thermal conductivity (4.2.1)	0,040 mW/m.K	
Thickness (4.2.3)	T2	T1
Reaction to Fire (4.2.6)	A1	A2-s1,d0
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 perpendular to faces[e] (4.3.4)	NPD	NPD
Compressive creep (4.3.6)	NPD	NPD
CE Designation code	MW-EN13162-T2	MW-EN13162-T1
CE certificatenumber	41520	41528

[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

Essential characteristics Requirement clauses in the european standard	**ROLLISOL PLUS**	**FLEX V2 10**
Thermal resistance and thermal conductivity (4.2.1)	0,040 mW/m.K	
Thickness (4.2.3)	T2	T1
Reaction to Fire (4.2.6)	A2-s1,d0 | F (> 190 mm)	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 perpendular to faces[e] (4.3.4)	NPD	NPD
Compressive creep (4.3.6)	NPD	NPD
CE Designation code	MW-EN13162-T2	MW-EN13162-T1
CE certificatenumber	41521	41520

[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

Essential characteristics Requirement clauses in the european standard	**IBR D0 (ALUKRAFT)**		**METAL BUILDING ROLL**
Thermal resistance and thermal conductivity (4.2.1)	0,040 mW/m.K		
Thickness (4.2.3)	T2		T2
Reaction to Fire (4.2.6)	A2-s1,d0	F (> 190 mm)	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 perpendular 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	41528		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

Essential characteristics Requirement clauses in the european standard	**VARIO COMFORT ROL**
Thermal resistance and thermal conductivity (4.2.1)	0,040 mW/m.K
Thickness (4.2.3)	T2
Reaction to Fire (4.2.6)	A2-s2,d0
Water absorption (4.3.7.1)	NPD
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 perpendular to faces[e] (4.3.4)	NPD
Compressive creep (4.3.6)	NPD
CE Designation code	MW-EN13162-T2
CE certificatenumber	41539

[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

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:

Wim Thijs
Plantmanager Saint-Gobain Isover

Date: 11-06-2013 Etten – Leur