

# ***Classification report for roofs/roof coverings exposed to external fire No. 21636E-rev.1***

***First issue date: 25/05/2022***

## **Owner of the classification report**

RENOLIT BELGIUM NV  
De Bruwaan 43  
9700 Oudenaarde  
BELGIUM

## **Introduction**

This classification report defines the classification assigned to the roof/roof covering «**RENOLIT ALKORPLAN F COLOUR**» in accordance with the procedures given in the standard EN 13501-5:2016: Fire classification of construction products and building elements – Part 5: Classification using data from external fire exposure to roofs tests: Test 4: Method with two stages incorporating burning brands, wind and supplementary radiant heat.

**This classification report consists of 12 pages**

## 1. DESCRIPTION OF THE ROOF/ROOF COVERING

|                                          |                                                                                                 | Nominal values (1)                          | Measured values (2) |
|------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------|
| SUPPORTING DECK                          |                                                                                                 |                                             |                     |
| Material                                 | OSB                                                                                             |                                             |                     |
| Thickness (mm)                           | 18                                                                                              |                                             |                     |
| Density (kg/m³)                          | 680                                                                                             |                                             |                     |
| VAPOUR BARRIER                           |                                                                                                 |                                             |                     |
| Material                                 | Low-density polyethylene (LDPE) vapour control barrier                                          |                                             |                     |
| Trade name                               | RENOLIT ALKORPLUS 81012                                                                         |                                             |                     |
| Manufacturer                             | (4)                                                                                             |                                             |                     |
| Supplier                                 | RENOLIT Belgium                                                                                 |                                             |                     |
| Thickness (mm)                           | 0,25                                                                                            | 0,23                                        |                     |
| Surface weight (g/m²)                    | 218                                                                                             | 209                                         |                     |
| Flame retardants                         | No                                                                                              | (3)                                         |                     |
| Fixing method                            | Loose laid                                                                                      |                                             |                     |
| Reaction to fire according to EN 13501-1 | F (*)                                                                                           |                                             |                     |
| INSULATING LAYER                         |                                                                                                 |                                             |                     |
| Material                                 | Polyisocyanurate (PIR) insulation board faced on both sides with a foil facing                  |                                             |                     |
| Trade name                               | RECTICEL EUROTHANE SILVER                                                                       |                                             |                     |
| Backing/facing material (g/m²)           | Multilayer coated aluminium (±180 g/m²)                                                         |                                             |                     |
| Manufacturer                             | Recticel Insulation                                                                             |                                             |                     |
| Supplier                                 | Recticel Insulation                                                                             |                                             |                     |
| Thickness (mm)                           |                                                                                                 |                                             |                     |
| Single-layered                           | 80 & 120                                                                                        | 80 & 121                                    |                     |
| Double-layered                           | 80+120 & 120+120                                                                                | 80 + 121 & 121 + 121                        |                     |
| Density (kg/m³) of the foam              | ± 30                                                                                            | 30,9 (including backing and facing) (80 mm) |                     |
| Flame retardants                         | Yes                                                                                             | (3)                                         |                     |
| Fixing method                            | Mechanically fastened                                                                           |                                             |                     |
| Reaction to fire according to EN 13501-1 | F (**)                                                                                          |                                             |                     |
| ROOF COVERING                            |                                                                                                 |                                             |                     |
| Material                                 | Waterproofing roof membrane of flexible polyvinyl chloride (PVC) with a polyester reinforcement |                                             |                     |
| Trade name                               | RENOLIT ALKORPLAN F COLOUR                                                                      |                                             |                     |
| Manufacturer                             | RENOLIT Iberica                                                                                 |                                             |                     |
| Supplier                                 | RENOLIT Belgium                                                                                 |                                             |                     |
| Colour                                   | Grey                                                                                            |                                             |                     |
| Reinforcement (material + g/m²)          | Polyester 93 g/m²                                                                               |                                             |                     |
| Thickness (mm)                           | 1,5 & 2,0                                                                                       | 1,5 & 2,0                                   |                     |
| Surface weight (g/m²)                    | 1850 & 2500                                                                                     | 1965 & 2508                                 |                     |
| Flame retardants                         | Yes                                                                                             | (3)                                         |                     |
| Fixing method                            | Mechanical fastened                                                                             |                                             |                     |

(1) Based on the information given by the sponsor

(2) Values verified by the laboratory

(3) Unverifiable by the laboratory

(4) Known by the laboratory

(\*) The reaction to fire classification of RENOLIT ALKORPLUS 81012 is Euroclass F, according to the declaration of performance, DoP No. 810122501217

(\*\*) The reaction to fire classification of RECTICEL EUROTHANE SILVER is Euroclass F, according to the declaration of performance, DoP No. 64030-a-CPR\_2021.11.1.

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Summary of parameters and tested systems:

|                       | A-1(*)                                             | A-2(*)                                             | A-3(*)                                            | A-4(*)                                                   | A-5(*)                                                    |
|-----------------------|----------------------------------------------------|----------------------------------------------------|---------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------|
| <b>Cap sheet</b>      | <b>RENOLIT<br/>ALKORPLAN F<br/>COLOUR (1,5 mm)</b> | <b>RENOLIT<br/>ALKORPLAN F<br/>COLOUR (2,0 mm)</b> | RENOLIT<br>ALKORPLAN F<br>COLOUR (2,0 mm)         | RENOLIT<br>ALKORPLAN F<br>COLOUR (2,0 mm)                | RENOLIT<br>ALKORPLAN F<br>COLOUR (2,0 mm)                 |
| <b>Fixing method</b>  | Mechanically<br>fastened                           | Mechanically<br>fastened                           | Mechanically<br>fastened                          | Mechanically<br>fastened                                 | Mechanically<br>fastened                                  |
| <b>Insulation</b>     | RECTICEL<br>EUROTHANE<br>SILVER (80 mm)            | <b>RECTICEL<br/>EUROTHANE<br/>SILVER (80 mm)</b>   | <b>RECTICEL<br/>EUROTHANE<br/>SILVER (120 mm)</b> | <b>RECTICEL<br/>EUROTHANE<br/>SILVER<br/>(80+120 mm)</b> | <b>RECTICEL<br/>EUROTHANE<br/>SILVER<br/>(120+120 mm)</b> |
| <b>Fixing method</b>  | Mechanically<br>fastened                           | Mechanically<br>fastened                           | Mechanically<br>fastened                          | Mechanically<br>fastened                                 | Mechanically<br>fastened                                  |
| <b>Vapour barrier</b> | RENOLIT<br>ALKORPLUS<br>81012                      | RENOLIT<br>ALKORPLUS<br>81012                      | RENOLIT<br>ALKORPLUS<br>81012                     | RENOLIT<br>ALKORPLUS<br>81012                            | RENOLIT<br>ALKORPLUS<br>81012                             |
| <b>Fixing method</b>  | Loose laid                                         | Loose laid                                         | Loose laid                                        | Loose laid                                               | Loose laid                                                |
| <b>Support</b>        | OSB (18 mm ; 680 kg/m <sup>3</sup> )               |                                                    |                                                   |                                                          |                                                           |

(\*) These samples have been tested at an inclination of 0°

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Summary of parameters and tested systems:

|                       | A-6(**)                                            | A-7(**)                                            | A-8(**)                                           | A-9(**)                                                  | A-10(**)                                                  |
|-----------------------|----------------------------------------------------|----------------------------------------------------|---------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------|
| <b>Cap sheet</b>      | <b>RENOLIT<br/>ALKORPLAN F<br/>COLOUR (1,5 mm)</b> | <b>RENOLIT<br/>ALKORPLAN F<br/>COLOUR (2,0 mm)</b> | RENOLIT<br>ALKORPLAN F<br>COLOUR (1,5 mm)         | RENOLIT<br>ALKORPLAN F<br>COLOUR (1,5 mm)                | RENOLIT<br>ALKORPLAN F<br>COLOUR (1,5 mm)                 |
| <b>Fixing method</b>  | Mechanically<br>fastened                           | Mechanically<br>fastened                           | Mechanically<br>fastened                          | Mechanically<br>fastened                                 | Mechanically<br>fastened                                  |
| <b>Insulation</b>     | RECTICEL<br>EUROTHANE<br>SILVER (80 mm)            | <b>RECTICEL<br/>EUROTHANE<br/>SILVER (80 mm)</b>   | <b>RECTICEL<br/>EUROTHANE<br/>SILVER (120 mm)</b> | <b>RECTICEL<br/>EUROTHANE<br/>SILVER<br/>(80+120 mm)</b> | <b>RECTICEL<br/>EUROTHANE<br/>SILVER<br/>(120+120 mm)</b> |
| <b>Fixing method</b>  | Mechanically<br>fastened                           | Mechanically<br>fastened                           | Mechanically<br>fastened                          | Mechanically<br>fastened                                 | Mechanically<br>fastened                                  |
| <b>Vapour barrier</b> | RENOLIT<br>ALKORPLUS<br>81012                      | RENOLIT<br>ALKORPLUS<br>81012                      | RENOLIT<br>ALKORPLUS<br>81012                     | RENOLIT<br>ALKORPLUS<br>81012                            | RENOLIT<br>ALKORPLUS<br>81012                             |
| <b>Fixing method</b>  | Loose laid                                         | Loose laid                                         | Loose laid                                        | Loose laid                                               | Loose laid                                                |
| <b>Support</b>        | OSB (18 mm ; 680 kg/m <sup>3</sup> )               |                                                    |                                                   |                                                          |                                                           |

(\*\*) These samples have been tested at an inclination of 45°

## 2. TEST REPORTS AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

### a) Test reports

| Name of the laboratory        | Name of the sponsor | Test report ref. no. | Test method                 |
|-------------------------------|---------------------|----------------------|-----------------------------|
| WFRGENT nv<br>Ghent - Belgium | Renolit Belgium NV  | 21636A-rev.1         | CEN/TS 1187:2012:<br>Test 4 |
| WFRGENT nv<br>Ghent - Belgium | Renolit Belgium NV  | 21636B-rev.1         | CEN/TS 1187:2012:<br>Test 4 |
| WFRGENT nv<br>Ghent - Belgium | Renolit Belgium NV  | 21636C-rev.1         | CEN/TS 1187:2012:<br>Test 4 |
| WFRGENT nv<br>Ghent - Belgium | Renolit Belgium NV  | 21636D-rev.1         | CEN/TS 16459:2019           |

### b) Test results

Test conditions: 21636A-rev.1

| Specimen No.                            | A-1(')                  | A-2(')(*)  | A-3(')     | A-4(')     | A-5(')     |
|-----------------------------------------|-------------------------|------------|------------|------------|------------|
| Date of test                            | 16/12/2021              | 16/12/2021 | 28/01/2022 | 27/01/2022 | 28/01/2022 |
| Roof pitch                              | 0°                      | 0°         | 0°         | 0°         | 0°         |
| Room temperature at start of test (°C): | 18                      | 18         | 19         | 19         | 19         |
| Substrate                               | OSB (18 mm ; 680 kg/m³) |            |            |            |            |

(') The results of preliminary test correspond with the obtained results of the penetration test.

(\*) Reused in the official test 21636B-rev.1.

| Specimen No.                            | A-6(')(**)              | A-7(')     | A-8(')     | A-9(')     | A-10(')    |
|-----------------------------------------|-------------------------|------------|------------|------------|------------|
| Date of test                            | 16/12/2021              | 16/12/2021 | 27/01/2022 | 27/01/2022 | 27/01/2022 |
| Roof pitch                              | 45°                     | 45°        | 45°        | 45°        | 45°        |
| Room temperature at start of test (°C): | 18                      | 18         | 19         | 19         | 19         |
| Substrate                               | OSB (18 mm ; 680 kg/m³) |            |            |            |            |

(<sup>1</sup>) The results of preliminary test correspond with the obtained results of the penetration test.

(<sup>2</sup>) Reused in the official test 21636C-rev.1.

### PRELIMINARY IGNITION TEST WITH BURNING BRANDS (STAGE 1)

| Specimen No:                                                     | A-1'              | A-2'( <sup>1</sup> ) | A-3'              | A-4'              | A-5'              |
|------------------------------------------------------------------|-------------------|----------------------|-------------------|-------------------|-------------------|
| Duration of flaming after withdrawal of the test flame (min:sec) | 00:03             | 00:02                | 00:02             | 00:02             | 00:02             |
| Maximum flame spread distance (mm)                               | 100               | 110                  | 95                | 100               | 100               |
| Time to fire penetration (min:sec)                               | Did not penetrate | Did not penetrate    | Did not penetrate | Did not penetrate | Did not penetrate |
| Nature of the penetration                                        | N.a.              | N.a.                 | N.a.              | N.a.              | N.a.              |

(<sup>1</sup>) The results of preliminary test correspond with the obtained results of the penetration test.

(<sup>2</sup>) Reused in the official test 21636B-rev.1.

| Specimen No:                                                     | A-6'( <sup>2</sup> ) | A-7'              | A-8'              | A-9'              | A-10'             |
|------------------------------------------------------------------|----------------------|-------------------|-------------------|-------------------|-------------------|
| Duration of flaming after withdrawal of the test flame (min:sec) | 00:01                | 00:02             | 00:03             | 00:02             | 00:02             |
| Maximum flame spread distance (mm)                               | 110                  | 100               | 100               | 100               | 100               |
| Time to fire penetration (min:sec)                               | Did not penetrate    | Did not penetrate | Did not penetrate | Did not penetrate | Did not penetrate |
| Nature of the penetration                                        | N.a.                 | N.a.              | N.a.              | N.a.              | N.a.              |

(<sup>1</sup>) The results of preliminary test correspond with the obtained results of the penetration test.

(<sup>2</sup>) Reused in the official test 21636C-rev.1.

**PENETRATION TEST WITH BURNING BRANDS, WIND AND SUPPLEMENTARY RADIANT HEAT  
(STAGE 2)**

| Specimen No:                                                                                                                                                                                                                                                                                                                     | A-1               | A-2(*)            | A-3               | A-4               | A-5               | Average           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Time to fire penetration (min:sec)                                                                                                                                                                                                                                                                                               | Did not penetrate | Did not penetrate | Did not penetrate | Did not penetrate | Did not penetrate | Did not penetrate |
| Nature of the penetration                                                                                                                                                                                                                                                                                                        | N.a.              | N.a.              | N.a.              | N.a.              | N.a.              | -                 |
| Additional observations: All specimens ignited. Carbonization and melting of the top layer were visible for all specimens. Specimen A-1 extinguished after 28:43, specimen A-2 extinguished after 39:44, specimen A-3 extinguished after 47:33, specimen A-4 extinguished after 51:21 and specimen A-5 extinguished after 57:41. |                   |                   |                   |                   |                   |                   |

(\*) Reused in the official test 21636B-rev.1.

| Specimen No:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A-6(**)           | A-7               | A-8               | A-9               | A-10              | Average           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Time to fire penetration (min:sec)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Did not penetrate | Did not penetrate | Did not penetrate | Did not penetrate | Did not penetrate | Did not penetrate |
| Nature of the penetration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | N.a.              | N.a.              | N.a.              | N.a.              | N.a.              | -                 |
| Additional observations: All specimens ignited. Carbonization and melting of the top layer were visible for all specimens. Additionally, non-burning falling parts were visible for specimen A-8, burning particles lasting both longer and shorter than 5 seconds were visible for specimen A-9 and non-burning falling parts and burning particles lasting both longer and shorter than 5 seconds were visible for specimen A-10. Specimen A-6 extinguished after 28:36, specimen A-7 extinguished after 42:18, specimen A-8 extinguished after 45:14, specimen A-9 extinguished after 39:22 and specimen A-10 extinguished after 24:12 |                   |                   |                   |                   |                   |                   |

(\*\*) Reused in the official test 21636C-rev.1.

Test conditions: 21636B-rev.1

| Specimen No.                            | 1                       | 2          | 3          | 4          |
|-----------------------------------------|-------------------------|------------|------------|------------|
| Date of test                            | 16/12/2021              | 16/12/2021 | 14/02/2022 | 14/02/2022 |
| Roof pitch                              | 0°                      | 0°         | 0°         | 0°         |
| Room temperature at start of test (°C): | 18                      | 18         | 18         | 18         |
| Substrate                               | OSB (18 mm ; 680 kg/m³) |            |            |            |

Build-up: OSB + RENOLIT ALKORPLUS 81012 + RECTICEL EUROTHANE SILVER (80 mm) + RENOLIT ALKORPLAN F COLOUR (2,0 mm)

### PRELIMINARY TEST (STAGE 1)

| Parameter             | Criteria        |                 |                 |                 | Test <sup>(a)</sup> results | Compliance      |                 |                 |                 |
|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------------------|-----------------|-----------------|-----------------|-----------------|
|                       | Class BROOF(t4) | Class CROOF(t4) | Class DROOF(t4) | Class EROOF(t4) |                             | Class BROOF(t4) | Class CROOF(t4) | Class DROOF(t4) | Class EROOF(t4) |
| Burn time             | < 5 min         | < 5 min         | < 5 min         | ≥ 5 min         | 00:02                       | Yes             | Yes             | Yes             | Yes             |
| Flame spread distance | < 0,38 m        | < 0,38 m        | < 0,38 m        | No limit        | 0,11                        | Yes             | Yes             | Yes             | Yes             |
| Penetration           | None            | None            | None            | None            | None                        | Yes             | Yes             | Yes             | Yes             |

(a) Not for extended application.

### PENETRATION TEST (STAGE 2)

| Parameter   | Criteria                    |                      |                 |                   |
|-------------|-----------------------------|----------------------|-----------------|-------------------|
|             | Class BROOF(t4)             | Class CROOF(t4)      | Class DROOF(t4) | Class EROOF(t4)   |
| Penetration | ≥ 60 min                    | < 60 min<br>≥ 30 min | < 30 min        | < 30 min          |
| Parameter   | Test <sup>(a)</sup> results |                      |                 |                   |
|             | Spec. 1                     | Spec. 2              | Spec. 3         | Mean <sup>a</sup> |
| Penetration | None                        | None                 | None            | None              |
| Parameter   | Compliance                  |                      |                 |                   |
|             | Class BROOF(t4)             | Class CROOF(t4)      | Class DROOF(t4) | Class EROOF(t4)   |
| Penetration | Yes                         | Yes                  | Yes             | Yes               |

(a) If one or two of the specimens have not failed at one hour, a time of 60 min shall be used in calculating the mean time of penetration.

Test conditions: 21636C-rev.1

| Specimen No.                            | 1                       | 2          | 3          | 4          |
|-----------------------------------------|-------------------------|------------|------------|------------|
| Date of test                            | 16/12/2021              | 16/12/2021 | 14/02/2022 | 14/02/2022 |
| Roof pitch                              | 45°                     | 45°        | 45°        | 45°        |
| Room temperature at start of test (°C): | 18                      | 18         | 18         | 18         |
| Substrate                               | OSB (18 mm ; 680 kg/m³) |            |            |            |

Build-up: OSB + RENOLIT ALKORPLUS 81012 + RECTICEL EUROTHANE SILVER (80 mm) + RENOLIT ALKORPLAN F COLOUR (1,5 mm)

### PRELIMINARY TEST (STAGE 1)

| Parameter             | Criteria        |                 |                 |                 | Test <sup>(a)</sup> results | Compliance      |                 |                 |                 |
|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------------------|-----------------|-----------------|-----------------|-----------------|
|                       | Class BROOF(t4) | Class CROOF(t4) | Class DROOF(t4) | Class EROOF(t4) |                             | Class BROOF(t4) | Class CROOF(t4) | Class DROOF(t4) | Class EROOF(t4) |
| Burn time             | < 5 min         | < 5 min         | < 5 min         | ≥ 5 min         | 00:01                       | Yes             | Yes             | Yes             | Yes             |
| Flame spread distance | < 0,38 m        | < 0,38 m        | < 0,38 m        | No limit        | 0,11                        | Yes             | Yes             | Yes             | Yes             |
| Penetration           | None            | None            | None            | None            | None                        | Yes             | Yes             | Yes             | Yes             |

(a) Not for extended application.

### PENETRATION TEST (STAGE 2)

| Parameter   | Criteria                    |                      |                 |                   |
|-------------|-----------------------------|----------------------|-----------------|-------------------|
|             | Class BROOF(t4)             | Class CROOF(t4)      | Class DROOF(t4) | Class EROOF(t4)   |
| Penetration | ≥ 60 min                    | < 60 min<br>≥ 30 min | < 30 min        | < 30 min          |
| Parameter   | Test <sup>(a)</sup> results |                      |                 |                   |
|             | Spec. 1                     | Spec. 2              | Spec. 3         | Mean <sup>a</sup> |
| Penetration | None                        | None                 | None            | None              |
| Parameter   | Compliance                  |                      |                 |                   |
|             | Class BROOF(t4)             | Class CROOF(t4)      | Class DROOF(t4) | Class EROOF(t4)   |
| Penetration | Yes                         | Yes                  | Yes             | Yes               |

(a) If one or two of the specimens have not failed at one hour, a time of 60 min shall be used in calculating the mean time of penetration.

### 3. CLASSIFICATION AND FIELD OF APPLICATION

#### a) Reference

This classification has been carried out in accordance with clause 9 test 4 of EN 13501-5:2016 and EN 13956:2012.

#### b) Classification

The roof / roof covering «**RENOLIT ALKORPLAN F COLOUR**» in relation to its external fire performance is classified:

### **BR00F (t4)**

#### c) Direct field of application

The classification is valid for the system as described in §1 for the following conditions:

- Range of pitches: Valid for any inclination

#### d) Extended field of application

- Range of layer 0: The cap sheet: RENOLIT ALKORPLAN F COLOUR

|                                                |                                       |
|------------------------------------------------|---------------------------------------|
| Thickness:                                     | 1,5 – 2,0 mm                          |
| Surface weight:                                | 1850 – 2500 g/m <sup>2</sup>          |
| Reinforcement:                                 | Polyester 93 g/m <sup>2</sup> or less |
| Fixing method of the toplayer onto insulation: | Mechanically fastened                 |

- Range of layer 1: The insulation: PIR insulation with a multi-layer foil on both sides

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| Thickness:                       | 80 mm or more                                      |
| Density:                         | ± 30 kg/m <sup>3</sup>                             |
| Facing/backing:                  | Multilayer coated aluminium ± 180 g/m <sup>2</sup> |
| Reaction to fire classification: | F or better                                        |
| Flame retardants:                | Yes                                                |
| Fixing method:                   | Mechanically attached                              |

- Range of layer 2: The vapour control layer: RENOLIT ALKORPLUS Polyethylene vapour control layer

|                                  |             |
|----------------------------------|-------------|
| Reaction to fire classification: | F or better |
|----------------------------------|-------------|

- Range of layer 3: Supporting deck

|                           |                                              |
|---------------------------|----------------------------------------------|
| Range of supporting deck: | OSB (18 mm or more ; 680 kg/m <sup>3</sup> ) |
|---------------------------|----------------------------------------------|

Valid for any inclination

#### 4. LIMITATIONS

At the time the standard EN 13501-5:2016 was published, no decision was made concerning the duration of validity of a classification document.

Provisions of Regulation (EU) 305/2011, commonly known as the Construction Products Regulation (CPR), prevail over any conflicting provisions in the harmonized standards and technical specifications.

#### 5. WARNING

This classification report does not represent type approval nor certification of the product.

#### 6. CONCERNING DECLARATION OF PERFORMANCE (DoP) ACCORDING TO THE CONSTRUCTION PRODUCT REGULATION (CPR)

Annex ZA of the harmonized standard

- EN 13956:2012 – “Flexible sheets for waterproofing — Plastic and rubber sheets for roof waterproofing”

declares that a System 3 Attestation of Conformity (AoC) under the Construction Products Directive (CPD: 89/106/EEC) is required for all external fire performance declarations better than class F<sub>roof</sub> (t1, t2, t3, t4). Under the Construction Products Regulation (CPR: EU 305/2011) this corresponds with a System 3 of Assessment and Verification of Constancy of Performance (AVCP) as basis for a Declaration of Performance (DoP).

The classification assigned to the product in this report is appropriate to such a Declaration of Performance of the essential characteristics of the construction product by the manufacturer within the context of a System 3 Assessment and Verification of Constancy of Performance. Under the Construction Products Regulation a Declaration of Performance (DoP) is a requirement for affixing the CE marking.

##### PREPARED BY

  
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##### APPROVED BY

  
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Ghent

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### Revision History

|                                                                                                                                    |                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Issue (revision) No: Rev 1                                                                                                         | Re-issue Date: 24/10/2023                                                                                                     |
| Revised by: Roel Coppens                                                                                                           | Approved by: Mikel Nachtergaele                                                                                               |
| <br>Roel Coppens<br>Polyvalent Medewerker<br>Gent | <br>Mikel Nachtergaele<br>Project assistant |

#### Reason for Revision:

This document supersedes and replaces all previous issues and revisions of the reports, which are void from their date of issue.

The only update in this revision of the classification report is the addition of the revision reference (-rev.1 or greater) to the referenced test reports to reflect a change to conditioning. No other changes have been made to the report.

The revision author and approver have only considered and reviewed the addition of the revision reference (-rev.1 or greater) to the referenced test reports; they have not carried out a full peer review on any other aspect of the original report, which had been prepared and approved by the author and approver, stated under paragraph 6 of this report.