

# CERTIFICATE CENTEXBEL TYPE TESTING | TEST REPORT N° 22.00600.03 According to report N° 22.00600.03, dated on 4/03/2022, we confirm that the below mentioned items were tested at CENTEXBEL with reference to NF P 92-507 (2004) "Fire safety - Building -Interior fitting materials - Classification according to their reaction to fire". The items show **Classification M1** When properly applied. The evaluation of the burning behaviour is based on CENTEXBEL's evaluation scheme. SAMPLES 10685 Various colours Company Zimmer + Rohde GmbH Zimmersmühlenweg 14-18 61440 OBERURSEL - GERMANY

This Certificate is valid until 4/03/2027

Centexbel | Technologiepark 70 | BE 9052 Gent | Belgium, 4/03/2022

Stijn Devaere, PhD Director Services





# Zimmer & Rohde GmbH Zimmersmühlenweg 14 18 61440 OBERURSEL Germany

**Your notice of** 01-02-2022

Your reference

**Date** 04-03-2022

# Analysis Report 22.00600.03

Required tests :

### NF P92-507 (2004)

| Sample id | Information given by the client | Date of receipt |
|-----------|---------------------------------|-----------------|
| T2202090  | Article 10685-996               | 01-02-2022      |
| T2202091  | Article 10685-954               | 01-02-2022      |
| T2202092  | Article 10685-357               | 01-02-2022      |

reelle

Gina Créelle Order responsible

This report may be reproduced, as long as it is presented in its entire form, without written permission of Centexbel. The results of the analysis cover the received samples. Centexbel is not responsible for the representativeness of the samples. In assessing compliance with the specifications, we did not take into account the uncertainty on the test results.



#### CENTEXBEL • textile competence centre • www.centexbel.be • www.vkc.be

GENT • Technologiepark 70 • BE-9052 Zwijnaarde, Belgium • phone +32 9 220 41 51 • fax +32 9 220 49 55 • gent@centexbel.be GRÂCE-HOLLOGNE • Rue du Travail 5 • BE-4460 Grâce-Hollogne, Belgium • phone +32 4 296 82 00 • g-h@centexbel.be KORTRIJK • Etienne Sabbelaan 49 • BE-8500 Kortrijk, Belgium • phone +32 56 29 27 00 • fax +32 56 29 27 01 • info@vkc.be VAT BE 0459.218.289 • IBAN BE44 2100 4729 6545 • BIC GEBABEBB Digitally signed by Centexbel



#### **Reference:** T2202090 - Article 10685-996 T2202091 - Article 10685-954 T2202092 - Article 10685-357

Classification of materials according to their reaction to fire - "Electric burner"

| Date of ending the test<br>Standard used<br>Product standard | 28-02-2022<br>NF P92-503 (1995)<br>NF P92-507 (2004)                      |
|--|---|
| Deviation from the standard                                  | A limited number of specimens have been tested for each sample.           |
| Dimension of the specimens<br>Weight (g/m <sup>2</sup> )     | 600 mm x 180 mm x 1 mm<br>T2202090: 322<br>T2202091: 326<br>T2202092: 318 |
| The test specimens have not been                             | cleaned nor submitted to an accelerated ageing procedure                  |

чsн

| Conditioning | 23°C, relative humidity 50%                       |
|--------------|---|
|              | Minimum 7 days or until constant mass is achieved |

Only the front side has been tested (based on information given by the client)

|  | Length |   | Width |   |
|--|--------|---|-------|---|
|  | 1      | 2 | 1     | 2 |
| Hole formation                               | yes    |   | yes   |   |
| Max. afterflame time (s)                     | 0      | - | 0     | - |
| Afterglow                                    | no     |   | no    |   |
| Afterglow with propagation in area $> 25$ cm | no     |   | no    |   |
| Damaged length (cm)                          | 14.0   | - | 18.5  | - |
| Damaged width (cm) in area >45 cm            | 0      | - | 0     | - |
| Flaming molten droplets                      | no     |   | no    |   |
| Non-flaming molten droplets                  | no     |   | no    |   |
| Flaming debris                               | no     |   | no    |   |
| Non-flaming debris                           | no     |   | no    |   |

Performed under accreditation in the fire lab under the responsibility of Mike De Vrieze



## T2202091

|  | Length |   | Width |   |
|--|--------|---|-------|---|
|  | 1      | 2 | 1     | 2 |
| Hole formation                             | yes    |   | yes   |   |
| Max. afterflame time (s)                   | 0      | - | 0     | - |
| Afterglow                                  | no     |   | no    |   |
| Afterglow with propagation in area > 25 cm | no     |   | no    |   |
| Damaged length (cm)                        | 19.0   | - | 18.5  | - |
| Damaged width (cm) in area >45 cm          | 0      | - | 0     | - |
| Flaming molten droplets                    | no     |   | no    |   |
| Non-flaming molten droplets                | no     |   | no    |   |
| Flaming debris                             | no     |   | no    |   |
| Non-flaming debris                         | no     |   | no    |   |

# T2202092

|  | Ler  | Length |      | dth |
|--|------|--------|------|-----|
|  | 1    | 2      | 1    | 2   |
| Hole formation                             | yes  |        | yes  |     |
| Max. afterflame time (s)                   | 0    | -      | 0    | -   |
| Afterglow                                  | no   |        | no   |     |
| Afterglow with propagation in area > 25 cm | no   |        | no   |     |
| Damaged length (cm)                        | 19.0 | -      | 19.5 | -   |
| Damaged width (cm) in area >45 cm          | 0    | -      | 0    | -   |
| Flaming molten droplets                    | no   |        | no   |     |
| Non-flaming molten droplets                | no   |        | no   |     |
| Flaming debris                             | no   |        | no   |     |
| Non-flaming debris                         | no   |        | no   |     |

**y** in

f



# Reference: T2202090 - Article 10685-996 T2202091 - Article 10685-954 T2202092 - Article 10685-357

Classification of materials according to their reaction to fire - "Flame persistence test"

| Date of ending the test<br>Standard used<br>Product standard | 03-03-2022<br>NF P92-504 (1995)<br>NF P92-507 (2004)                   |
|--|--|
| Deviation from the standard                                  | A limited number of specimens have been tested for each sample.        |
| Dimension of the specimens<br>Weight (g/m <sup>2</sup> )     | 460 mm x 230 mm x 1 mm<br>T2202090:322<br>T2202091:326<br>T2202092:318 |
| The test specimens have not been                             | cleaned nor submitted to an accelerated ageing procedure               |

| Conditioning | 23°C, relative humidity 50%                       |
|--------------|---|
|              | Minimum 7 days or until constant mass is achieved |

Only the front side has been tested (based on information given by the client)

Each test has been carried out with a flame application time of 5s.



Analysis Report 22.00600.03 Date 04-03-2022 Page 5/8

| T22 | 020 | 090 | 0 |
|-----|-----|-----|---|
|     |     | ~ ~ | ~ |

| 1000     | 12202070 |   |       |   |  |  |
|----------|----------|---|-------|---|--|--|
|          | Length   |   | Width |   |  |  |
|          | 1        | 2 | 1     | 2 |  |  |
| #1       | *        |   | *     |   |  |  |
| #2       | *        |   | *     |   |  |  |
| #3       | *        |   | *     |   |  |  |
| #4       | *        |   | *     |   |  |  |
| #4<br>#5 | *        |   | *     |   |  |  |
| #6       | *        |   | *     |   |  |  |
| #7       | *        |   | *     |   |  |  |
| #8       | *        |   | *     |   |  |  |
| #9       | *        |   | *     |   |  |  |
| #10      | *        |   | *     |   |  |  |
|          |          |   |       |   |  |  |

Flaming debrisnoNon-flaming debrisyes

\*: afterflame time  $\leq 2$  s

> 2 s: afterflame time > 2 s and  $\leq$  5 s

> 5 s: afterflame time > 5 s

T2202091

|     | Length |   | Length Width |   |
|-----|--------|---|--------------|---|
|     | 1      | 2 | 1            | 2 |
| #1  | *      |   | *            |   |
| #2  | *      |   | *            |   |
| #3  | *      |   | *            |   |
| #4  | *      |   | *            |   |
| #5  | *      |   | *            |   |
| #6  | *      |   | *            |   |
| #7  | *      |   | *            |   |
| #8  | *      |   | *            |   |
| #9  | *      |   | *            |   |
| #10 | *      |   | *            |   |
|     |        |   |              |   |

| Flaming debris     | no |
|--------------------|----|
| Non-flaming debris | no |

\*: afterflame time  $\leq 2$  s

> 2 s: afterflame time > 2 s and  $\leq 5$  s

> 5 s: afterflame time > 5 s

in f

0



Analysis Report 22.00600.03 Date 04-03-2022 Page 6/8

|     | Length |   | Width |   |
|-----|--------|---|-------|---|
|     | 1      | 2 | 1     | 2 |
| #1  | *      |   | *     |   |
| #2  | *      |   | *     |   |
| #3  | *      |   | *     |   |
| #4  | *      |   | *     |   |
| #5  | *      |   | *     |   |
| #6  | *      |   | *     |   |
| #7  | *      |   | *     |   |
| #8  | *      |   | *     |   |
| #9  | *      |   | *     |   |
| #10 | *      |   | *     |   |

Flaming debrisnoNon-flaming debrisno

\*: afterflame time  $\leq 2$  s

> 2 s: afterflame time > 2 s and  $\leq$  5 s

> 5 s: afterflame time > 5 s

in f

0



# Reference: T2202090 - Article 10685-996 T2202091 - Article 10685-954 T2202092 - Article 10685-357

Classification of materials according to their reaction to fire - "Test for melting materials"

| Date of ending the test<br>Standard used<br>Product standard                 | 03-03-2022<br>NF P92-505 (1995)<br>NF P92-507 (2004)                      |
|--|---|
| Deviation from the standard  | A limited number of specimens have been tested for each sample.           |
| Dimension of the specimens<br>Number of layers<br>Weight (g/m <sup>2</sup> ) | 70 mm x 70 mm x 1 mm<br>2<br>T2202090:322<br>T2202091:326<br>T2202092:318 |

The test specimens have not been cleaned nor submitted to an accelerated ageing procedure

Conditioning

23°C, relative humidity 50% Minimum 7 days or until constant mass is achieved

T2202090

|    |       | First        | Non-flaming | Flaming | Ignition cotton | Mass |
|----|-------|--------------|-------------|---------|-----------------|------|
|    |       | ignition (s) | debris      | debris  | wool            | (g)  |
| #1 | front | *            | yes         | no      | no              | 3.4  |
| #2 | back  | *            | yes         | no      | no              | 3.4  |
| #3 |       |              |             |         |                 |      |
| #4 |       |              |             |         |                 |      |

\* no ignition

T2202091

|    |       | First        | Non-flaming | Flaming | Ignition cotton | Mass |
|----|-------|--------------|-------------|---------|-----------------|------|
|    |       | ignition (s) | debris      | debris  | wool            | (g)  |
| #1 | front | *            | yes         | no      | no              | 3.3  |
| #2 | back  | *            | yes         | no      | no              | 3.3  |
| #3 |       |              |             |         |                 |      |
| #4 |       |              |             |         |                 |      |

\* no ignition

in f

0



T2202092

|    | 02072 |              |             |         |                 |      |
|----|-------|--------------|-------------|---------|-----------------|------|
|    |       | First        | Non-flaming | Flaming | Ignition cotton | Mass |
|    |       | ignition (s) | debris      | debris  | wool            | (g)  |
| #1 | front | *            | yes         | no      | no              | 3.4  |
| #2 | back  | *            | yes         | no      | no              | 3.3  |
| #3 |       |              |             |         |                 |      |
| #4 |       |              |             |         |                 |      |

\* no ignition

y in

f