



# CERTIFICATE

## CENTEXBEL TYPE TESTING | TEST REPORT N° 24.02433.01

According to report N° 24.02433.01, dated on 5/06/2024, 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.

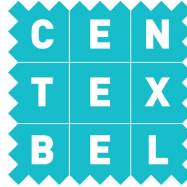
|                |  |
|----------------|--|
| <b>SAMPLES</b> | 3116<br>Various colours  |
| <b>Company</b> | Zimmer & Rohde GmbH<br>Zimmersmühlenweg 14-18<br>61440 OBERURSEL - GERMANY |

This Certificate is valid until 4/06/2029

Centexbel | Technologiepark 70 | BE 9052 Gent | Belgium, 5/06/2024

Jan Laperre  
General Manager

A handwritten signature in blue ink, appearing to be 'Jan Laperre', written over the printed name and title.



**Zimmer & Rohde GmbH**  
**Zimmersmühlenweg 14-18**  
**61440 OBERURSEL**  
**Germany**

**Your notice of**  
02-05-2024

**Your reference**

**Date**  
05-06-2024

## Analysis Report 24.02433.01

Required tests :

**NF P92-507 (2004)**

| Sample id | Information given by the client | Date of receipt |
|-----------|---------------------------------|-----------------|
| T2409289  | 3116 - col. 200                 | 02-05-2024      |
| T2409290  | 3116 - col. 998                 | 02-05-2024      |
| T2409291  | 3116 - col. 444                 | 02-05-2024      |

Mike De Vrieze  
Order responsible

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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.

**Samples**

T2409289  
3116 - col. 200



T2409290  
3116 - col. 998



T2409291  
3116 - col. 444





**Reference:** T2409289 - 3116 - col. 200  
 T2409290 - 3116 - col. 998  
 T2409291 - 3116 - col. 444

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

Date of ending the test 03-06-2024  
 Standard used NF P92-503 (1995)  
 Product standard NF P92-507 (2004)

Deviation from the standard A limited number of specimens have been tested for each sample.

Dimension of the specimens 600 mm x 180 mm x 1 mm  
 Weight (g/m<sup>2</sup>)  
 T2409289: 108  
 T2409290: 120  
 T2409291: 120

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

T2409289

|  | Length |      | Width |      |
|--|--------|------|-------|------|
|  | Front  | Back | Front | Back |
| 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)                        | 21.0   | -    | -     | 21.5 |
| Damaged width (cm) in area >45 cm          | 0      | -    | -     | 0    |
| Flaming molten droplets                    | no     |      |       | no   |
| Non-flaming molten droplets                | yes    |      |       | yes  |
| Flaming debris                             | no     |      |       | no   |
| Non-flaming debris                         | no     |      |       | no   |

## T2409290

|  | Length |      | Width |      |
|--|--------|------|-------|------|
|  | Front  | Back | Front | Back |
| 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)                        | -      | 21.5 | 23.5  | -    |
| Damaged width (cm) in area >45 cm          | -      | 0    | 0     | -    |
| Flaming molten droplets                    |        | no   | no    |      |
| Non-flaming molten droplets                |        | yes  | yes   |      |
| Flaming debris                             |        | no   | no    |      |
| Non-flaming debris                         |        | no   | no    |      |

## T2409291

|  | Length |      | Width |      |
|--|--------|------|-------|------|
|  | Front  | Back | Front | Back |
| 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)                        | 21.5   | -    | -     | 23.0 |
| Damaged width (cm) in area >45 cm          | 0      | -    | -     | 0    |
| Flaming molten droplets                    | no     |      |       | no   |
| Non-flaming molten droplets                | yes    |      |       | yes  |
| Flaming debris                             | no     |      |       | no   |
| Non-flaming debris                         | no     |      |       | no   |



**Reference:** T2409289 - 3116 - col. 200  
T2409290 - 3116 - col. 998  
T2409291 - 3116 - col. 444

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

|                             |   |
|-----------------------------|---|
| Date of ending the test     | 04-06-2024  |
| Standard used               | NF P92-504 (1995)   |
| Product standard            | NF P92-507 (2004)   |
| Deviation from the standard | A limited number of specimens have been tested for each sample. |
| Dimension of the specimens  | 460 mm x 230 mm x 1 mm  |
| Weight (g/m <sup>2</sup> )  | T2409289: 108<br>T2409290: 120<br>T2409291: 120                 |

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

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

T2409289

|     | Length |      | Width |      |
|-----|--------|------|-------|------|
|     | Front  | Back | Front | Back |
| #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

T2409290

|     | Length |      | Width |      |
|-----|--------|------|-------|------|
|     | Front  | Back | Front | Back |
| #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

T2409291

|     | Length |      | Width |      |
|-----|--------|------|-------|------|
|     | Front  | Back | Front | Back |
| #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

&gt; 5 s: afterflame time &gt; 5 s



**Reference:** T2409289 - 3116 - col. 200  
 T2409290 - 3116 - col. 998  
 T2409291 - 3116 - col. 444

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

Date of ending the test 04-06-2024  
 Standard used NF P92-505 (1995)  
 Product standard NF P92-507 (2004)

Deviation from the standard A limited number of specimens have been tested for each sample.

Dimension of the specimens 70 mm x 70 mm x 2 mm  
 Number of layers 4  
 Weight (g/m<sup>2</sup>) T2409289: 108  
 T2409290: 120  
 T2409291: 120

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

**T2409289**

|    |       | First ignition (s) | Non-flaming debris | Flaming debris | Ignition cotton wool | Mass (g) |
|----|-------|--------------------|--------------------|----------------|----------------------|----------|
| #1 | front | *                  | yes                | no             | no                   | 2.4      |
| #2 | back  | *                  | yes                | no             | no                   | 2.5      |
| #3 |       |                    |                    |                |                      |          |
| #4 |       |                    |                    |                |                      |          |

\* no ignition

**T2409290**

|    |       | First ignition (s) | Non-flaming debris | Flaming debris | Ignition cotton wool | Mass (g) |
|----|-------|--------------------|--------------------|----------------|----------------------|----------|
| #1 | front | *                  | yes                | no             | no                   | 2.6      |
| #2 | back  | *                  | yes                | no             | no                   | 2.6      |
| #3 |       |                    |                    |                |                      |          |
| #4 |       |                    |                    |                |                      |          |

\* no ignition



T2409291

|    |       | First ignition (s) | Non-flaming debris | Flaming debris | Ignition cotton wool | Mass (g) |
|----|-------|--------------------|--------------------|----------------|----------------------|----------|
| #1 | front | *                  | yes                | no             | no                   | 2.7      |
| #2 | back  | *                  | yes                | no             | no                   | 2.6      |
| #3 |       |                    |                    |                |                      |          |
| #4 |       |                    |                    |                |                      |          |

\* no ignition