

# CERTIFICATE

## CENTEXBEL TYPE TESTING | TEST REPORT N° 24.02652.01

According to report N° 24.02652.01, dated on 28/06/2024, 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>	10416 Various colours
<b>Company</b>	Zimmer & Rohde GmbH Zimmersmühlenweg 14-18 61440 OBERURSEL - GERMANY

This Certificate is valid until 28/06/2029

Centexbel | Technologiepark 70 | BE 9052 Gent | Belgium, 28/06/2024

Jan Laperre  
General Manager

A handwritten signature in blue ink, appearing to be 'JL' or similar, written over the printed name and title.



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

**Your notice of**  
15-05-2024

**Your reference**  
5335315

**Date**  
28-06-2024

## Analysis Report 24.02652.01

Required tests :

**NF P92-507 (2004)**

Sample id	Information given by the client	Date of receipt
T2410147	10416-990	15-05-2024
T2410148	10416-999	15-05-2024
T2410149	10416-444	15-05-2024

Gina Créelle  
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**

T2410147  
10416-990



T2410148  
10416-999



T2410149  
10416-444





**Reference:** T2410147 - 10416-990  
T2410148 - 10416-999  
T2410149 - 10416-444

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

Date of ending the test 26-06-2024  
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 T2410147: 600 mm x 180 mm x < 1 mm  
T2410148: 600 mm x 180 mm x 1 mm  
T2410149: 600 mm x 180 mm x < 1 mm

Weight (g/m<sup>2</sup>) T2410147: 256  
T2410148: 272  
T2410149: 262

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

T2410147

	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)	17.0	-	-	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

T2410148

	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)	-	14.5	16.5	-
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	

T2410149

	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)	19.0	-	-	20.0
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:** T2410147 - 10416-990  
T2410148 - 10416-999  
T2410149 - 10416-444

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

Date of ending the test	27-06-2024
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	T2410147: 460 mm x 230 mm x < 1 mm T2410148: 460 mm x 230 mm x 1 mm T2410149: 460 mm x 230 mm x < 1 mm
Weight (g/m <sup>2</sup> )	T2410147: 256 T2410148: 272 T2410149: 262

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.

T2410147

	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

T2410148

	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



T2410149

	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



**Reference:** T2410147 - 10416-990  
 T2410148 - 10416-999  
 T2410149 - 10416-444

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

Date of ending the test 27-06-2024  
 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 1 mm  
 Number of layers 2  
 Weight (g/m<sup>2</sup>) T2410147: 256  
 T2410148: 272  
 T2410149: 262

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

**T2410147**

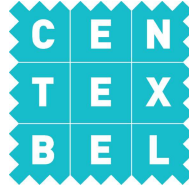
		First ignition (s)	Non-flaming debris	Flaming debris	Ignition cotton wool	Mass (g)
#1	front	*	yes	no	no	2.7
#2	back	*	yes	no	no	2.7
#3						
#4						

\* no ignition

**T2410148**

		First ignition (s)	Non-flaming debris	Flaming debris	Ignition cotton wool	Mass (g)
#1	front	*	yes	no	no	2.9
#2	back	*	yes	no	no	2.9
#3						
#4						

\* no ignition



T2410149

		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	2.8
#3						
#4						

\* no ignition