

CERTIFICATE

CENTEXBEL TYPE TESTING | TEST REPORT N° 23.05771.02

According to report N° 23.05771.02, dated on 20/12/2023, 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 item shows

Classification M1

Provided that it is properly applied.

The evaluation of the burning behaviour is based on CENTEXBEL's evaluation scheme.

SAMPLES 10976

Various colours

Company Zimmer & Rohde GmbH

Zimmersmühlenweg 14-18

61440 OBERURSEL

GERMANY

This Certificate is valid until 20/12/2028

Centexbel | Technologiepark 70 | BE 9052 Gent | Belgium, 20/12/2023



General Manager







Zimmer & Rohde GmbH Zimmersmühlenweg 14 18 61440 OBERURSEL Germany

 Your notice of 26-10-2023
 Your reference 5269245
 Date 20-12-2023

Analysis Report 23.05771.02

Required tests:

NF P92-507 (2004)

Sample id	Information given by the client	Date of receipt
T2327089	10976 - col. 994	30-11-2023
T2327090	10976 - col. 896	30-11-2023
T2327091	10976 - col. 826	30-11-2023

Gina Créelle Order responsible

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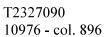


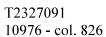




Samples

T2327089 10976 - col. 994













Reference: T2327089 - 10976 - col. 994

T2327090 - 10976 - col. 896 T2327091 - 10976 - col. 826

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

Date of ending the test 18-12-2023

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/m²) T2327089: 425

T2327090: 428 T2327091: 423

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

	Length		Wi	dth
	Front	Back	Front	Back
Hole formation	yes			yes
Max. afterflame time (s)	3	-	-	4
Afterglow	no			no
Afterglow with propagation in area > 25 cm	no			no
Damaged length (cm)	17.5	-	-	14.5
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





T2327090

	Ler	Length		dth
	Front	Back	Front	Back
Hole formation		yes	yes	
Max. afterflame time (s)	_	0	3	-
Afterglow		no	no	
Afterglow with propagation in area > 25 cm		no	no	
Damaged length (cm)	_	15.0	15.5	-
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	

	Ler	Length		dth
	Front	Back	Front	Back
Hole formation	yes			yes
Max. afterflame time (s)	4	-	-	5
Afterglow	no			no
Afterglow with propagation in area > 25 cm	no			no
Damaged length (cm)	14.5	-	-	18.0
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: T2327089 - 10976 - col. 994

T2327090 - 10976 - col. 896 T2327091 - 10976 - col. 826

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

Date of ending the test 20-12-2023

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/m²) T2327089: 425

T2327090: 428 T2327091: 423

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.





T2327089

	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 ≤ 2 s

> 2 s: afterflame time > 2 s and ≤ 5 s

> 5 s: afterflame time > 5 s

T2327090

	Ler	Length		dth
	Front	Back	Front	Back
#1		*	*	
#2		*	*	
#3		*	*	
#4		*	*	
#5		*	*	
#6		*	*	
#7		*	*	
#8		*	*	
#9		*	*	
#10		*	*	

Flaming debris no Non-flaming debris yes

*: afterflame time $\leq 2 \text{ s}$

> 2 s: afterflame time > 2 s and ≤ 5 s

> 5 s: afterflame time > 5 s





T2327091

	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 $\leq 2 \text{ s}$

> 2 s: afterflame time > 2 s and ≤ 5 s

> 5 s: afterflame time > 5 s



Reference: T2327089 - 10976 - col. 994

T2327090 - 10976 - col. 896 T2327091 - 10976 - col. 826

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

Date of ending the test 20-12-2023

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

Number of layers

70 mm x 70 mm x 1 mm

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Weight (g/m²) T2327089: 425

T2327090: 428 T2327091: 423

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

T2327089

		First	Non-flaming	Flaming	Ignition cotton	Mass
		ignition (s)	debris	debris	wool	(g)
#1	front	*	yes	no	no	2.3
#2	back	*	yes	no	no	2.3
#3			-			
#4						

^{*} no ignition

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		First	Non-flaming	Flaming	Ignition cotton	Mass
		ignition (s)	debris	debris	wool	(g)
#1	front	*	yes	no	no	2.4
#2	back	*	yes	no	no	2.3
#3						
#4						

^{*} no ignition





		First ignition (s)	Non-flaming debris	Flaming debris	Ignition cotton wool	Mass (g)
#1 #2 #3 #4	front back	* 94	yes yes	no no	no no	2.3 2.2

^{*} no ignition