CERTIFICATE

CENTEXBEL TYPE TESTING | TEST REPORT N° 22.00600.05

According to report N° 22.00600.05, 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 10895
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

Certificate

Zimmer & Rohde GmbH
Zimmersmühlenweg 14 18
61440 OBERURSEL
Germany

Your notice of	Your reference	Date
01-02-2022		04-03-2022

Analysis Report 22.00600.05

Required tests :

NF P92-507 (2004)

Sample id	Information given by the client	Date of receipt
T2202096	Article 10895-146	01-02-2022
T2202097	Article 10895-564	01-02-2022
T2202098	Article 10895-982	01-02-2022

Gina Créelle
Order responsible

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.

Reference: **T2202096 - Article 10895-146**
T2202097 - Article 10895-564
T2202098 - Article 10895-982

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

Date of ending the test	28-02-2022
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)	T2202096: 96 T2202097: 99 T2202098: 97

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

T2202096

	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)	16.0	-	-	17.0
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

T2202097

	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)	-	20.0	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	

T2202098

	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)	16.0	-	-	15.5
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

Reference: **T2202096 - Article 10895-146**
T2202097 - Article 10895-564
T2202098 - Article 10895-982

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

Date of ending the test	03-03-2022
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)	T2202096:96 T2202097:99 T2202098:97

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.

T2202096

	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

T2202097

	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

T2202098

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

Flaming debris no
Non-flaming debris yes

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

Reference: **T2202096 - Article 10895-146**
T2202097 - Article 10895-564
T2202098 - Article 10895-982

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

Date of ending the test	04-03-2022
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	4
Weight (g/m²)	T2202096: 96 T2202097: 99 T2202098: 97

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

T2202096

		First ignition (s)	Non-flaming debris	Flaming debris	Ignition cotton wool	Mass (g)
#1	front	*	yes	no	no	2.1
#2	back	*	yes	no	no	2.1
#3						
#4						

* no ignition

T2202097

		First ignition (s)	Non-flaming debris	Flaming debris	Ignition cotton wool	Mass (g)
#1	front	*	yes	no	no	2.1
#2	back	*	yes	no	no	2.2
#3						
#4						

* no ignition

T2202098

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

* no ignition