

**Ambienta Living BV**  
**Antennestraat, 31**  
**1322 AH Almere**  
**The Netherlands**



| <b>Your notice of</b> | <b>Your reference</b> | <b>Date</b> |
|-----------------------|-----------------------|-------------|
| 02-10-2015            |                       | 22-12-2015  |

**Analysis Report 15.04672.40**

Required tests :

**NF P 92-507 (2004)**

| Identification number | Information given by the client | Date of receipt |
|-----------------------|---------------------------------|-----------------|
| T1519381              | FIREWALL FR ZEPHYR              | 16-11-2015      |

Nathan De Kock

Order responsible

This report runs to 4 pages and 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](http://www.centexbel.be) • [www.vkc.be](http://www.vkc.be)**

Inrichting erkend bij toepassing van de besluitwet van 30-01-1947 • Établissement reconnu par application de l'arrêté-loi du 30-01-1947  
GENT • Technologiepark 7 • BE-9052 Zwijnaarde, Belgium • phone +32 9 220 41 51 • fax +32 9 220 49 55 • [gent@centexbel.be](mailto:gent@centexbel.be)  
GRÂCE-HOLLOGNE • Rue du Travail 5 • BE-4460 Grâce-Hollogne, Belgium • phone +32 4 296 82 00 • [g-h@centexbel.be](mailto:g-h@centexbel.be)  
KORTRIJK • Etienne Sabbelaan 49 • BE-8500 Kortrijk, Belgium • phone +32 56 281828 • fax +32 56 281830 • [info@vkc.be](mailto:info@vkc.be)  
VAT BE 0459.218.289 • IBAN BE44 2100 4729 6545 • BIC GEBABEBB

**Reference: T1519381 - FIREWALL FR ZEPHYR**

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

Date of ending the test 03-12-2015  
 Standard used NF P 92-503 (1995)  
 Product standard NF P 92-507 (2004)

Deviation from the standard -

Sample thickness  $\leq 5$  mm

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 |        | Width  |        |
|--|--------|--------|--------|--------|
|  | Face A | Face B | Face A | Face B |
| Hole formation                             | yes    | yes    | yes    | yes    |
| Max. afterflame time (s)                   | 0      | 0      | 0      | 0      |
| Afterglow                                  | no     | no     | no     | no     |
| Afterglow with propagation in area > 25 cm | no     | no     | no     | no     |
| Damaged length (cm)                        | 30.0   | 22.5   | 22.0   | 23.0   |
| Damaged width (cm) in area >45 cm          | 0      | 0      | 0      | 0      |
| Flaming molten droplets                    | no     | no     | no     | no     |
| Non-flaming molten droplets                | no     | no     | no     | no     |
| Flaming debris                             | no     | no     | no     | no     |
| Non-flaming debris                         | no     | no     | no     | no     |
| Average damaged length (cm)                | 24.5   |        |        |        |
| Average damaged width (cm) in area > 45 cm | 0      |        |        |        |

**Reference: T1519381 - FIREWALL FR ZEPHYR**

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

Date of ending the test 04-12-2015  
 Standard used NF P 92-504 (1995)  
 Product standard NF P 92-507 (2004)

Deviation from the standard -

Sample thickness  $\leq 5$  mm

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.

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

\*: afterflame time  $\leq 2$  s

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

> 5 s: afterflame time > 5 s

Flaming debris no

Non-flaming debris no

**Reference: T1519381 - FIREWALL FR ZEPHYR**

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

Date of ending the test 10-12-2015  
 Standard used NF P 92-505 (1995)  
 Product standard NF P 92-507 (2004)

Deviation from the standard -

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

Four specimens, two on both sides, have been tested .

|    |        | First ignition (s) | Non-flaming debris | Flaming debris | Ignition cotton wool |
|----|--------|--------------------|--------------------|----------------|----------------------|
| #1 | face A | *                  | yes                | no             | no                   |
| #2 | face B | *                  | yes                | no             | no                   |
| #3 | face A | *                  | yes                | no             | no                   |
| #4 | face B | *                  | yes                | no             | no                   |

\* no ignition

**Classification M1**