

**Captiqs**  
**Dhr. Jonathan Demeulemeester**  
**Industriepark De Bruwaan 4**  
**9700 OUDENAARDE**



**Your notice of**  
21-04-2015

**Your reference**

**Date**  
28-04-2015

## **Analysis Report 15.01956.01**

Required tests :

**EN 13501-1 (2007) + A1 (2009)**

| Identification number | Information given by the client | Date of receipt |
|-----------------------|---------------------------------|-----------------|
| T1507468              | Concorde UV                     | 21-04-2015      |

Kristina De Temmerman

Order responsible

This report runs to 6 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.

**VAT BE 0459.218.289**

CENTEXBEL-GENT  
Technologiepark 7  
BE-9052 Zwijnaarde  
gent@centexbel.be

**Fin. Acc. 210-0472965-45**

Tel. + 32 9 220 41 51 • Fax + 32 9 220 49 55

**IBAN BE44 2100 4729 6545**

CENTEXBEL-VERVIERS  
Avenue du Parc 38  
BE-4650 Herve (Chaineux)  
Tel. + 32 87 32 24 30 Fax + 32 87 34 05 18  
chaineux@centexbel.be

**Reference: T1507468 - Concorde UV**

**Information given by the client**

|                      |                               |
|----------------------|-------------------------------|
| Product standard     | EN 13501-1 (2007) + A1 (2009) |
| FR treated           | no                            |
| FR-surface treatment | no                            |
| Type of manufacture  | Flat needle felt              |
| Use-surface          | PP                            |
| Backing layer        | Latex                         |
| Total mass           | 750 g/m <sup>2</sup>          |
| Total thickness      | 6.5 mm                        |

**Notified body No: 0493**

Reference: T1507468 - Concorde UV

**Reaction to fire tests – Ignitability of building products subjected to direct impingement of flame - Single-flame source test**

Product standard EN 13501-1 (2007) + A1 (2009)

Classification of textile floor coverings in accordance with EN 14041 (2004) § 4.1.4

“The textile floor coverings listed in Table 2, in the end uses identified in the table, are classified without further testing (CWFT) in the classes shown and do not require testing in respect of these end uses and classes”.

**Table 2 – Classes of reaction to fire for textile floor coverings, classified without further testing**

| Floor covering type <sup>1</sup>   | EN product standard | Class <sup>3</sup> Floorings |
|--|---------------------|------------------------------|
| Non-FR machine-made wall-to-wall carpets and pile carpet tiles <sup>2</sup>  | EN 1307             | E <sub>n</sub>               |
| Non-FR needled textile floor coverings without pile <sup>2</sup>   | EN 1470             | E <sub>n</sub>               |
| Non-FR needled textile floor coverings with pile <sup>2</sup>  | EN 13297            | E <sub>n</sub>               |
| <sup>1</sup> ) Floor covering glued or loose laid over a Class A2-s1,d0 substrate<br><sup>2</sup> ) Textile floor coverings having a total mass of max. 4.8 kg/m <sup>2</sup> , a minimum pile thickness of 1,8 mm (ISO 1766) and <ul style="list-style-type: none"> <li>- a surface of 100% wool</li> <li>- a surface of 80% wool or more – 20% polyamide or less</li> <li>- a surface of 80% wool or more – 20% polyamide/polyester or less</li> <li>- a surface of 100% polyamide</li> <li>- a surface of 100% polypropylene and if with SBR-foam backing, a total mass of &gt; 0.780 kg/m<sup>2</sup>. All polypropylene carpets with other foam backings are excluded.</li> </ul> <sup>3</sup> ) Class as provided for in Table 2 in the Annex to Decision 2000/147/EC. |                     |                              |

**Classification**

**Class E<sub>n</sub>**

**Reference:** T1507468 - Concorde UV

**Reaction to fire tests for floorings - Determination of the burning behaviour using a radiant heat source**

|                             |   |
|-----------------------------|---|
| Date of ending the test     | 27-04-2015  |
| Standard used               | EN ISO 9239-1 (2010)  |
| Product standard            | EN 13501-1 (2007) + A1 (2009)   |
| Deviation from the standard | -   |
| Conditioning                | 23°C, relative humidity 50%<br>Minimum 14 days or until constant mass is achieved |

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test: they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

**Test specimen**

|           |   |
|-----------|---|
| Substrate | Fibre cement board - density (1800 ± 200) kg/m <sup>3</sup> |
| Mounting  | Loose-laid  |
| Cleaning  | Specimens have not been cleaned                             |

## Radiant heat flux

|         | Flame spread distance (cm) |        |        | Flame time  | Heat flux * |
|---------|----------------------------|--------|--------|-------------|-------------|
|         | 10 min                     | 20 min | 30 min |             |             |
| Length  |                            |        |        |             |             |
| #1      | 18                         | 18     | 18     | 12 min 00 s | 9.9         |
| Width   |                            |        |        |             |             |
| #1      | 19                         | 19     | 19     | 12 min 00 s | 9.7         |
| #2      | 17                         | 17     | 17     | 12 min 00 s | 10.1        |
| #3      | 16                         | 16     | 16     | 12 min 00 s | 10.3        |
| Average |                            |        |        |             | 10.0        |

\* Heat flux at the time of flame extinguishment or after a test duration of 30 minutes.

| Fire classification in accordance with EN 13501-1 (2007) + A1 (2009) |                        |   |
|--|------------------------|---|
| Class  | EN ISO 11925-2 or CWFT | EN ISO 9239-1<br>(test duration = 30 min) |
| B <sub>f1</sub>  | E <sub>f1</sub>        | heat flux ≥ 8,0 kW/m <sup>2</sup>         |
| C <sub>f1</sub>  | E <sub>f1</sub>        | heat flux ≥ 4,5 kW/m <sup>2</sup>         |
| D <sub>f1</sub>  | E <sub>f1</sub>        | heat flux ≥ 3,0 kW/m <sup>2</sup>         |

## Smoke production: Light attenuation

|         | Maximum (%) | Total (%.min) |
|---------|-------------|---------------|
| Length  |             |               |
| #1      | 19          | 46            |
| Width   |             |               |
| #1      | 15          | 57            |
| #2      | 15          | 22            |
| #3      | 8           | 15            |
| Average |             | 31            |

| Additional classification in accordance with EN 13501-1 (2007) + A1 (2009) |    |
|--|----|
| smoke production ≤ 750%.min  | s1 |
| smoke production > 750%.min  | s2 |

**Reaction to fire classification : B<sub>n</sub>/ s1**

*loose-laid on a non-combustible substrate\**

*\* End use substrates of classes A1 or A2-s1, d0 (ISO 13238:2010 § 5.2.2)*

Limitations

This classification document does not represent type approval or certification of the product.

“The classification assigned to the product in this report is appropriate to a declaration of performance by the manufacturer within the context of system 3 of assessment and verification of constancy of performance and CE marking under the Construction Products Regulation.

The manufacturer has made a declaration, which is held on file. This confirms that the products design requires no specific processes, procedures or stages (e.g. no addition of flame-retardants, limitation of organic content, or addition of fillers) that are aimed at enhancing the fire performance in order to obtain the classification achieved. As a consequence the manufacturer has concluded that system 3 attestation is appropriate.

The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.”