

BIG Floorcoverings nv
Dhr. Pol Lombaert
Rijksweg 442
8710 WIELSBEKE



| Your notice of | Your reference | Date |
|-----------------------|-----------------------|-------------|
| 09-05-2012 | | 28-06-2012 |

Analysis Report 12.02006.04

Required tests :

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

| Identification number | Information given by the client | Date of receipt |
|-----------------------|---------------------------------|-----------------|
| T1206198 | Podium pro - 2.50 mm | 09-05-2012 |

Petra Wittevrongel

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.

VAT BE 0459.218.289

Fin. Acc. 210-0472965-45

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Reference: T1206198 - Podium pro - 2.50 mm

Information given by the client

| | |
|---------------------|--|
| Product standard | EN 13501-1 (2007) + A1 (2009) |
| Floor covering type | Homogeneous and heterogeneous polyvinyl chloride floor coverings |
| EN product standard | EN 649 |
| FR treated | no |
| Mass | 4.40 kg/m ² |
| Thickness | 2.5 mm |

Notified body No: 0493

Reference: T1206198 - Podium pro - 2.50 mm

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

Date of ending the test 07-06-2012
Standard used EN ISO 11925-2 (2010)
Product standard EN 13501-1 (2007) + A1 (2009)

Floor covering

Deviation from the standard -

Conditioning 23°C, relative humidity 50%
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.

Substrate Fibre cement board - density (1800 ± 200) kg/m³
Mounting Loose-laid
Cleaning Specimens have not been cleaned

Flame application time (s) 15
 Flame application Surface

| | Length | | | Width | | |
|-------------------------------|--------|---|---|-------|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| Time to reach 150 mm mark (s) | * | * | * | * | * | * |

* = time to reach the mark > 20 s

Criteria Floorcoverings

time to reach the mark: - ≥ 20 s : Class Efl
 - < 20 s : Class Ffl

Classification **Class Efl**

Limitations

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

Reference: T1206198 - Podium pro - 2.50 mm

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

| | |
|-----------------------------|---|
| Date of ending the test | 25-06-2012 |
| 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% 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 ³ |
| Mounting | Stuck down with UZIN UZ 57 / Unipro - low emission, solvent-free dispersion adhesive – "EC1 very low emission" |
| Cleaning | Specimens have not been cleaned |
| Joint | In length direction : in the middle In width direction : each 15.2 cm |

Radiant heat flux

| | Flame spread distance (cm) | | | Flame time | Heat flux * |
|---------|----------------------------|--------|--------|-------------|-------------|
| | 10 min | 20 min | 30 min | | |
| Width | | | | | |
| #1 | 13 | 13 | 13 | 12 min 10 s | 10.1 |
| Length | | | | | |
| #1 | 14 | 14 | 14 | 12 min 00 s | 10.0 |
| #2 | 15 | 15 | 15 | 12 min 05 s | 10.0 |
| #3 | 11 | 11 | 11 | 12 min 00 s | 10.4 |
| Average | | | | | 10.1 |

* 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 (test duration = 30 min) |
| B _{fl} | E _{fl} | heat flux $\geq 8,0$ kW/m ² |
| C _{fl} | E _{fl} | heat flux $\geq 4,5$ kW/m ² |
| D _{fl} | E _{fl} | heat flux $\geq 3,0$ kW/m ² |

Smoke production: Light attenuation

| | Maximum (%) | Total (%.min) |
|---------|-------------|---------------|
| Width | | |
| #1 | 33 | 181 |
| Length | | |
| #1 | 40 | 144 |
| #2 | 38 | 183 |
| #3 | 40 | 163 |
| Average | | 163 |

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

Reaction to fire classification : B_f/ s1

*glued 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 conformity by the manufacturer within the context of system 3 attestation of conformity and CE marking under the Construction Products Directive.

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.”