REACTION TO FIRE CLASSIFICATION REPORT

N° 2017/080-2


(English version of classification report N°2017/080-1)

Notification by the French Government to the European Commission
under n° NB 2401
Regulation (UE) n° 305/2011

Sponsor : GERFLOR
50 Cours de la République
69627 VILLEURBANNE CEDEX
FRANCE

Product name : GTI MAX

Description : Heterogeneous polyvinyl chloride floor coverings
(EN ISO 10582 family)
(see detailed description in paragraph 2)

Date of issue : 08/06/2017

The indicated classification does not prejudice the conformity of marketed materials with the samples submitted to the tests and under no circumstances, this document should not be considered as type approval or certification of the product in the sense of the L 115-27 article of the consumption’s code of the law dated June 3rd 1994.

The reproduction of this classification report is only authorised in its integral form.
It comprises 3 pages.
1. **Introduction**

   This classification report defines the classification assigned to the above-mentioned product (s) in accordance with the procedures given in the NF EN 13501-1 standard: September 2007 & A1 (2013).

2. **Details of classified product**

   2.1. **Product standard**
      
   NF EN 14041 (2005): “Resilient, textile and laminate floor coverings - Essential characteristics”.

   2.2. **Product description**
      
   Heterogeneous polyvinyl chloride floor covering in size of 635 mm x 635 mm with interlocking tiles (EN ISO 10582 family).

   Tested loose laid over a wood panel particle board without flame retarded classified Cn-s1, with a density \((680 \pm 50) \text{ kg/m}^3\) and thickness \((20 \pm 2) \text{ mm}\).

   Use surface: 100 \% PVC
   Nominal mass per unit area: 9365 g/m²
   Nominal total thickness: 6,00 mm
   Nominal total wear layer: 2,00 mm

3. **Test reports and tests results in support of this classification**

   3.1. **Tests reports**

<table>
<thead>
<tr>
<th>Name of laboratory</th>
<th>Name of sponsor</th>
<th>Test report N°</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.R.E.T.</td>
<td>GERFLOR</td>
<td>RL 2017/411-1</td>
<td>NF EN ISO 9239-1</td>
</tr>
<tr>
<td></td>
<td>50 Cours de la République</td>
<td>RL 2017/411-2</td>
<td>NF EN ISO 11925-2</td>
</tr>
<tr>
<td></td>
<td>69627 VILLEURBANNE CEDEX</td>
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<tr>
<td></td>
<td>FRANCE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

   3.2. **Tests results**

<table>
<thead>
<tr>
<th>Test method</th>
<th>Product</th>
<th>Number of tests</th>
<th>Parameters</th>
<th>Compliance parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>NF EN ISO 11925-2</td>
<td>GTI MAX</td>
<td>6</td>
<td>Fs ≤ 150 mm</td>
<td>Compliant</td>
</tr>
<tr>
<td>Surface exposure-15 secondes</td>
<td></td>
<td></td>
<td>Ignition of the filter paper</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test method</th>
<th>Product</th>
<th>Number of tests</th>
<th>Parameters</th>
<th>Compliance parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>NF EN ISO 9239-1</td>
<td>GTI MAX</td>
<td>3</td>
<td>Critical heat flux (kW/m²)</td>
<td>&gt; 11</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Smoke (% X min)</td>
<td>185,8</td>
</tr>
</tbody>
</table>
4. **Classification and field of application**

4.1. **Reference of classification**

This classification has been carried out in accordance with EN 13501-1 :2007 & A1 (2013).

4.2. **Classification**

<table>
<thead>
<tr>
<th>Fire behaviour</th>
<th>Smoke production</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bₙ</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>s₁</td>
</tr>
</tbody>
</table>

**Classification : \( \text{B}_n - s_1 \)**

4.3. **Field of application**

This classification is valid for the following end use applications:

Loose laid and glued over a wood panel particle board without flame retarded classified \( C_{(n)}-s_1 \) with a density \( \geq 510 \text{ kg/m}^3 \) and over a fibre-cement \( A_{2n} \) or \( A_{1n} \) class with a density \( \geq 1350 \text{ kg/m}^3 \).

This classification is valid for the following product parameters:

- A nominal mass per unit area of: \( 9365 \text{ g/m}^2 \)
- A nominal thickness of: \( 6.00 \text{ mm} \)
- A nominal thickness wear layer: \( 2.00 \text{ mm} \)

5. **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 (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."

For the SARL C.R.E.T.
The Technical Director
Marc WELCOMME

*End of the classification report*