CLASSIFICATION OF REACTION TO FIRE PERFORMANCE IN ACCORDANCE WITH EN 13501-1: 2002

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Notified Body No: 1234

Product name: Acrylic One LP01 and Acrylic One Tri-axial Fabric

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This classification report consists of four pages and may only be used in its entirety.
1. **Introduction**

This classification report defines the classification assigned to Acrylic One LP01 and Acrylic One Tri-axial Fabric in accordance with the procedures given in EN 13501-1:2002.

2. **Details of classified product**

2.1 **General**

The product, Acrylic One LP01 and Acrylic One Tri-axial Fabric, is defined as a structural wall panel laminate.

2.2 **Product description**

The product, Acrylic One LP01 and Acrylic One Tri-axial Fabric, is build up of one layer of non-reinforced Acrylic One, amount approximately 1,3 kg/m² – i.e. approx. 0,6-0,8 mm thickness. After this the bulk laminate is made by 5 layers of Triaxial fibre, 160 g/m², and one layer of Acrylic One LP 01, approx. 6.5 kg. Nominal density of the components Acrylic One LP01 and Acrylic One Tri-axial Fibre: 1,75 kg/dm³ and 2,59-2,62 kg/dm³ respectively.

3. **Test reports & test results in support of classification**

3.1 **Test reports**

<table>
<thead>
<tr>
<th>Name of Laboratory</th>
<th>Name of sponsor</th>
<th>Test reports/extended application report Nos.</th>
<th>Test method / extended application rules &amp; date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sintef NBL as</td>
<td>Brands Structural Products BV</td>
<td>102010.25/06.171 102010.35/06.200</td>
<td>EN 13823 EN ISO 11925-2</td>
</tr>
</tbody>
</table>

3.2 **Test results**

<table>
<thead>
<tr>
<th>Test method &amp; test number</th>
<th>Parameter</th>
<th>No. tests</th>
<th>Continuous parameter - mean (m)</th>
<th>Results</th>
<th>Compliance with parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN 13823</td>
<td>FIGRA0.2MJ</td>
<td>3</td>
<td>51 W/s</td>
<td></td>
<td>Compliant</td>
</tr>
<tr>
<td></td>
<td>FIGRA0.4MJ</td>
<td></td>
<td>39 W/s</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>THR600s</td>
<td></td>
<td>4.8 MJ</td>
<td></td>
<td>Compliant</td>
</tr>
</tbody>
</table>
4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with clause 10 of EN 13501-1:2002

4.2 Classification

The product, Acrylic One LP01 and Acrylic One Tri-axial Fabric, in relation to its reaction to fire behaviour is classified:

B

The additional classification in relation to smoke production is:

s1

The additional classification in relation to flaming droplets / particles is:

d0

Reaction to fire classification: B-s1, d0
4.3 **Field of application**

This classification is valid for the following end use applications:

i) as wall or ceiling covering laminate

This classification is also valid for the following product parameters:

- thickness: approximately 5 mm
- composition: as described in section 2.2

The classification is valid for the following substrates and air gaps:
Mounted with screws, c.t.c 600 mm or less, on wooden battens, against a non-combustible (A1 or A2) substrate, with an air gap, without joints.

The nature of the product is such that edge exposure to an ignition source is excluded.

5. **Limitations**

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

SIGNED

![Signature]

W. Langstraat

APPROVED

![Signature]

Dr. F. Paap