CLASSIFICATION OF REACTION TO FIRE
in accordance with EVS-EN 13501-1:2007+A1:2009

OWNER OF CLASSIFICATION REPORT: Technokol beheer BV
PROKOL protective coatings

ADDRESS: Duizeldonksestraat 44
NL-5705 CA, Helmond, The Netherlands

MANUFACTURER: Technokol beheer BV
PROKOL protective coatings
ADDRESS: Duizeldonksestraat 44
NL-5705 CA, Helmond, The Netherlands

PRODUCT WAS ASSEMBLED BY: Purfin Oy
Kiperhaantie 8, FIN-21250 Masku, Finland

PREPARED BY: TÜV EESTI OÜ

NOTIFIED BODY No: 1526

PRODUCT NAME: Rocathaan Hotspray PA 430-FR with primer and Topcoat 80-FR

CLASSIFICATION REPORT: TEK-143/15en

ISSUE NUMBER: 05-03-2015

DATE OF ISSUE: 05.03.2015

This classification report may only be used or reproduced in its entirety.
1. Introduction.

This classification report defines the reaction to fire classification assigned to polyurea coating in accordance with the procedures given in EVS-EN 13501-1:2007+A1:2009.

2. Classified product.

2.1 General

Product is defined as polyurea coating for waterproofing.

2.2 Description

The polyurea coating is fully described in test reports listed in 3.1. According to manufacturer the product is designated Prokol Rocathaan Hotspray PA 430-FR. Prokol Primer was used before applying polyurea to the base board. Prokol Rocathaan Topcoat 80-FR was used on top of polyurea layer as topcoat.

3. Test reports / extended application reports and test results in support of the classification.

3.1. Test reports and extended application reports

<table>
<thead>
<tr>
<th>Test Laboratory</th>
<th>Name of sponsor</th>
<th>Test report and date</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>TÜV Eesti OÜ</td>
<td>Purfin Oy</td>
<td>No. 016-15TM of 05.03.2015</td>
<td>EVS-EN ISO 11925-2: 2010</td>
</tr>
<tr>
<td>TÜV Eesti OÜ</td>
<td>Purfin Oy</td>
<td>No. 009-16TM of 04.03.2015</td>
<td>EVS-EN 13823:2010</td>
</tr>
</tbody>
</table>

3.2. Test results

<table>
<thead>
<tr>
<th>Test method</th>
<th>Parameter</th>
<th>Number of tests</th>
<th>Results</th>
<th>Compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVS-EN ISO 11925-2:2010</td>
<td>Flame spread in excess of 150 mm vertically (applied to surface)</td>
<td>6</td>
<td>Less than 150 mm</td>
<td>Compliant</td>
</tr>
<tr>
<td>EVS-EN 13823:2010</td>
<td>Figra 0.2 MJ (W/s)</td>
<td>79.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Figra 0.4 MJ (W/s)</td>
<td>79.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>THR 600 s (MJ)</td>
<td>5.7</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lateral flame spread (LFS) reach to edge?</td>
<td>No</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SMOGRA (cm²/s²)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TSP 600 (m²)</td>
<td>37.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Flaming droplets/particles (flaming ≤ 10s)</td>
<td>No</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Flaming droplets/particles (flaming &gt; 10s)</td>
<td>No</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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4. Classification and field of application

4.1 Reference on classification.
This classification has been carried out in accordance with clause 8 of EVS-EN 13501-1:2007+A1:2009

4.2 Classification.
The polyurea coating is classified according to the following combination of performance parameters and classes as appropriate.

<table>
<thead>
<tr>
<th>Fire behaviour</th>
<th>Smoke production</th>
<th>Flaming droplets</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>s</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>d</td>
<td>0</td>
</tr>
</tbody>
</table>

Reaction to fire classification: B-s1, d0

4.3 Field of direct application.
This classification is valid to polyurea coating for the following end use applications:
- polyurea coating thickness up to 2,0 mm;
- applied to vertical and horizontal surfaces, except floorings;
- base material shall be non-combustible (at least euroclass A2).

5. Limitations
This classification report does not represent type approval or certification of the product.

On behalf and by authority of TÜV Eesti OÜ

Approved by

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