DATE: 11/30/2006  
CLIENT: Mats, Inc.

TEST NUMBER: 104215


DESCRIPTION OF TEST SAMPLE

IDENTIFICATION: Pro Shield Tile
COLOR: Blue
ROLL: ----
CONSTRUCTION: Needle Punch
FIBER: ----
BACKING: Rubber

GENERAL PRINCIPLE

This procedure is designed to measure the critical radiant flux at flame out of horizontally mounted floor covering systems exposed to a flaming ignition in a test chamber which provides a graded radiant heat energy environment. The imposed radiant flux simulates the thermal radiation levels likely to impinge on the floors of a building whose upper surfaces are heated by flames from a fully developed fire in an adjacent room or compartment. The test result is an average critical radiant flux (watts/square cm) which indicates the level of radiant heat energy required to sustain flame propagation in the flooring system once it has been ignited. A minimum of three test specimens are tested and the results are averaged. Theoretically, if a room fire does not impose a radiant flux that exceeds this critical level on a corridor floor covering system, flame spread will not occur.

The NFPA Life Safety Code 101 specifies as Class 1 Critical Radiant Flux of .45 watts/sq cm or higher and Class 2 Critical Radiant Flux as .22 - .44 watts/sq cm.

FLOORING SYSTEM ASSEMBLY

<table>
<thead>
<tr>
<th>SUBSTRATE</th>
<th>UNDERLAYMENT</th>
<th>CONDITIONING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral-Fiber/Cement Board</td>
<td>Loose Laid</td>
<td>Minimum of 96 hours at 70 ± 5º F and 50 ± 5% relative humidity</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Distance Burned</th>
<th>Time To Flame Out</th>
<th>Critical Radiant Flux</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specimen 1</td>
<td>52 cm</td>
<td>35 minutes</td>
<td>0.33 watts/square cm</td>
</tr>
<tr>
<td>Specimen 2</td>
<td>50 cm</td>
<td>36 minutes</td>
<td>0.34 watts/square cm</td>
</tr>
<tr>
<td>Specimen 3</td>
<td>52 cm</td>
<td>39 minutes</td>
<td>0.33 watts/square cm</td>
</tr>
</tbody>
</table>

Average Critical Radiant Flux: 0.33 Watts/Square Cm
Standard Deviation: 0.01 Watts/Square Cm
Coefficient of Variation: 1.73%

* NOTE: Meets or exceeds Class 2 rating as specified in NFPA Life Safety Code 101.