RIGID CELLULAR PLASTICS
TEST REPORT

Attention: Wayne Watson
Expol
P O Box 13560
Onehunga
Auckland 1643

Project: Product Evaluation
Client: Expol
Contractor: Expol
Sampled by: Expol
Date sampled: 18/04/12
Sampling method: Not Stated
Sample description: 30 & 20 kg/m³ Polystyrene
Sample condition: As Received

| Project No: | 1-1.0123.69 |
| Lab Ref No: | 003/12 |
| Client Ref No: | Wayne Watson |

Test Results

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Initial Effective Vertical Load/Pressure</th>
<th>Maximum Applied Horizontal Load/Pressure</th>
<th>Interface Coefficient of Friction</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(N)</td>
<td>(kPa)</td>
<td>(N)</td>
</tr>
<tr>
<td>1</td>
<td>36.0</td>
<td>10.0</td>
<td>37.9</td>
</tr>
<tr>
<td>2</td>
<td>72.0</td>
<td>20.0</td>
<td>63.7</td>
</tr>
<tr>
<td>3</td>
<td>144.0</td>
<td>40.0</td>
<td>100.1</td>
</tr>
</tbody>
</table>

Test Methods

Following the method as described in BS1377:1990 Part 7 Test 4

The higher density EPS was on the material lower interface and the lower on the material upper interface.
The "skin" surfaces were in contact.
The maximum applied horizontal load/pressure was when the gauge registered its highest reading.
Sample area under test was 3600mm²
Individual samples were used for each initial effective vertical pressure

Date tested: 07-08/05/12
Date reported: 08/05/12

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Approved
D Hotham
Designation: Assistant Laboratory Manager
Date: 08/05/12

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