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

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) (kPa)</td>
<td>(N) (kPa)</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>36.0 (10.0)</td>
<td>37.9 (10.5)</td>
<td>1.05</td>
</tr>
<tr>
<td>2</td>
<td>72.0 (20.0)</td>
<td>63.7 (17.7)</td>
<td>0.88</td>
</tr>
<tr>
<td>3</td>
<td>144.0 (40.0)</td>
<td>100.1 (27.8)</td>
<td>0.69</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: 07/08/12
Date reported: 08/05/12

This report may only be reproduced in full

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