**PHYSICAL TESTING REPORT**

Besblock Limited  
Halesfield 21  
Telford  
Shropshire  
West Midlands  
T7 4NF

FAO: R Huxley

**REPORT OF TESTS ON:** Blocks

**Your Reference:** Star Performer Cellular

**CERAM Reference:** (092032)-9142 /Supplement

**Date Reported:** 23-Apr-2009  
**Order Number:** Verbal Nigel

**Date Logged:** 08-Apr-2009  
**Date(s) of Test(s):** 16-Apr-2009 to 21-Apr-2009

**Determination of Compressive Strength**

<table>
<thead>
<tr>
<th>Block Length</th>
<th>Block Width</th>
<th>Load</th>
<th>Compressive Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>No.</td>
<td>mm</td>
<td>mm</td>
<td>kN</td>
</tr>
<tr>
<td>1</td>
<td>439.5</td>
<td>217.0</td>
<td>681.2</td>
</tr>
<tr>
<td>2</td>
<td>440.5</td>
<td>218.0</td>
<td>775.0</td>
</tr>
<tr>
<td>3</td>
<td>441.0</td>
<td>218.0</td>
<td>544.8</td>
</tr>
<tr>
<td>4</td>
<td>442.0</td>
<td>218.0</td>
<td>673.8</td>
</tr>
<tr>
<td>5</td>
<td>441.5</td>
<td>218.0</td>
<td>606.6</td>
</tr>
<tr>
<td>6</td>
<td>441.5</td>
<td>217.5</td>
<td>590.7</td>
</tr>
<tr>
<td>Mean</td>
<td>441.0</td>
<td>218.0</td>
<td>645.4</td>
</tr>
</tbody>
</table>

Coefficient of Variation: 12.8 %

Compressive strength relevant to air-dry condition: 8.1 N/mm²

Normalized compressive strength: 6.5 N/mm²

Name of organisation carrying out sampling: BESBLOCK

Method of Sampling: Not Supplied

Method of Conditioning: water at 20 ±/- 5 deg C

Method of Preparation: Mortar Capping

Blocks were laid flat to simulate being laid on their side and tested over the mortar bed area.

**End of Test Report**