Test Report

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This report relates only to the specific sample tested as identified herein and does not apply to any similar item that has not been tested. If published or reproduced by the client the test report shall be reproduced in full i.e. all pages.

Burnt Clay Masonry Units

1. SAMPLE

1.1 SAMPLING. Samples taken by the client.

1.2 DESCRIPTION. Twenty one burnt clay masonry units of nominal dimensions 226mm x 111mm x 71mm and reputed to be intended for use as a class FBA - face units of aesthetic quality, nominal compressive strength 17MPa and of normal efflorescence grade. Marked "Molopo Blue."

1.3 SAMPLE CONDITION. Samples received in a satisfactory condition.

1.4 DATE OF RECEIPT. 11 September 2012

2. NATURE OF TEST.

Refer section 4.

3. METHOD OF TEST.

SANS 227 : 2007

3.1 DEVIATIONS FROM TEST METHOD. None.

/4. RESULTS...........
4. RESULTS.

4.1 SHAPE AND APPEARANCE: Satisfactory.

4.2 DIMENSIONS (mm): Not tested.

4.3 COMPRESSIVE STRENGTH: (MPa)

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<td>39.2</td>
<td>42.2</td>
<td>33.3</td>
<td>35.5</td>
<td>39.9</td>
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<td>7</td>
<td>32.7</td>
<td>51.5</td>
<td>47.8</td>
<td>58.4</td>
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Average: 41.8 MPa

4.4 EFFLORESCENCE: Not tested.

4.5 WATER ABSORPTION %:

4.5.1 24h Immersion Test:

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Average: 7.3 %

4.5.2 5h Boiling test: Not tested.

4.5.3 Saturation Coefficient: Not tested.

4.6 SOUNDNESS: Not tested.

5. REMARKS.

The sample of burnt clay masonry units as tested by Soilcon complies with the requirements of SANS 227:2007 in respect of compressive strength and water absorption.

For the interpretation of the results reflected in this report reference is made to the requirements of SANS 227:2007.

[Signature]
M.L.B.Polluk
SOILCON cc