Bert's Bricks
P O Box 588
POTCHEFSTROOM
2520

Our ref: 27709/18/MP
Date: 28.02.18

TEST REPORT
Page 1 of 2

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 burnt clay masonry units of nominal dimensions 223mm x 103mm x 71mm and reputed to be intended for use as a class NFX - non-facing units for general building work of extra quality, nominal compressive strength 14MPa and of normal efflorescence grade.

1.3 SAMPLE CONDITION. Five of the samples received had corners chipped and four of the samples had edges damaged.

1.4 DATE OF RECEIPT. 23 February 2018

2. NATURE OF TEST.

Refer section 4.

3. METHOD OF TEST:

SANS 227:2007

3.1 DEVIATIONS FROM TEST METHOD. None.

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

Members: M.L.B Polluk B.Sc (Hons), A.R. Polluk
4. RESULTS.

4.1 SHAPE AND APPEARANCE: Satisfactory.

4.2 DIMENSIONS (mm): Not tested.

4.3 COMPRESSION STRENGTH (MPa):

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<tbody>
<tr>
<td>1</td>
<td>49.4</td>
<td>2</td>
<td>40.8</td>
<td>3</td>
<td>34.5</td>
<td>4</td>
</tr>
<tr>
<td>7</td>
<td>34.5</td>
<td>8</td>
<td>41.0</td>
<td>9</td>
<td>30.0</td>
<td>10</td>
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Average: 41.1 MPa

4.4 EFFLUVIUM: Not tested.

4.5 WATER ABSORPTION %:

4.5.1 24h Immersion Test:

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<tbody>
<tr>
<td>1</td>
<td>6.2</td>
<td>2</td>
<td>7.9</td>
<td>3</td>
<td>6.4</td>
<td>4</td>
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Average: 6.8 %

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.

M.L.B. Polluk
SOILCON cc