

Date of testing: 26 February 2020

## CERTIFICATE | BURNT CLAY MASONRY UNITS

### PRODUCT DESCRIPTION / HERITAGE TRAVERTINE - HT

| SAMPLE NUMBER | LENGTH mm | WIDTH mm | HEIGHT mm | WEIGHT kg | WATER ABSORPTION %<br>24HR SOAKING | STRENGTH Mpa |
|---------------|-----------|----------|-----------|-----------|------------------------------------|--------------|
| 1             | 220       | 107      | 73        | 2.72      | 4.22                               | 46.60        |
| 2             | 220       | 104      | 72        | 2.65      | 5.17                               | 42.47        |
| 3             | 218       | 106      | 72        | 2.67      | 4.71                               | 43.25        |
| 4             | 216       | 106      | 73        | 2.70      | 2.89                               | 72.28        |
| 5             | 219       | 106      | 73        | 2.70      | 3.96                               | 36.96        |
| 6             | 220       | 106      | 72        | 2.73      | 4.50                               | 53.32        |
| 7             | 220       | 106      | 72        | 2.68      | 5.83                               | 50.57        |
| 8             | 218       | 106      | 71        | 2.66      | 2.48                               | 67.05        |
| 9             | 220       | 105      | 73        | 2.68      | 5.34                               | 49.43        |
| 10            | 220       | 108      | 72        | 2.67      | 6.18                               | 48.87        |
| 11            | 218       | 105      | 72        | 2.68      | 4.11                               | 54.94        |
| 12            | 219       | 107      | 73        | 2.67      | 5.44                               | 54.76        |

|                           |                    |                                      |            |            |            |
|---------------------------|--------------------|--------------------------------------|------------|------------|------------|
| NUMBER OF SAMPLES :       | 12 UNITS           | <b>SPECIFICATION AS PER SABS 227</b> |            |            |            |
| AVERAGE LENGTH :          | 219 (mm)           | ± 3.5mm of specified length          |            |            |            |
| AVERAGE WIDTH :           | 106 (mm)           | ± 2.0mm of specified width           |            |            |            |
| AVERAGE HEIGHT :          | 72 (mm)            | ± 2.0mm of specified height          |            |            |            |
| <b>WATER ABSORPTION :</b> | <b>4.57 (%)</b>    | <b>Product Description</b>           | <b>FBS</b> | <b>NFX</b> | <b>NFP</b> |
| <b>AVERAGE WEIGHT :</b>   | <b>2.68 (KG)</b>   | LOWEST INDIVIDUAL (Mpa) :            | 12.5       | 10.5       | 5.5        |
| <b>AVERAGE STRENGTH :</b> | <b>51.71 (MPa)</b> | AVERAGE STRENGTH (Mpa) :             | 17         | 14         | 7          |

Operations Manager:

*Henk Myburgh*

Technical Signatory:

*Bryn Werth*