

Date of testing: 05 July 2023

## CERTIFICATE | BURNT CLAY MASONRY UNITS

### PRODUCT DESCRIPTION / TANKWA SATIN

SAMPLE NUMBER	LENGTH mm	WIDTH mm	HEIGHT mm	WEIGHT kg	WATER ABSORPTION % 24HR SOAKING	STRENGTH Mpa
1	221	103	72	2.59	3.35	50.10
2	219	105	72	2.61	2.91	44.58
3	220	104	73	2.57	3.88	45.62
4	221	104	72	2.60	3.64	40.07
5	221	104	73	2.60	2.53	49.61
6	222	103	73	2.60	3.73	38.62
7	221	105	74	2.59	3.74	35.41
8	220	103	74	2.59	3.66	47.43
9	222	106	71	2.62	2.90	50.05
10	221	105	72	2.61	3.26	33.04
11	221	104	73	2.61	3.91	46.79
12	220	105	73	2.58	3.60	37.91

NUMBER OF SAMPLES :	12 UNITS	SPECIFICATION AS PER SABS 227			
AVERAGE LENGTH :	221 (mm)	± 3.5mm of specified length			
AVERAGE WIDTH :	104 (mm)	± 2.0mm of specified width			
AVERAGE HEIGHT :	73 (mm)	± 2.0mm of specified height			
<b>WATER ABSORPTION :</b>	<b>3.43 (%)</b>	<b>Product Description</b>	<b>FBS</b>	<b>NFX</b>	<b>NFP</b>
<b>AVERAGE WEIGHT :</b>	<b>2.60 (KG)</b>	LOWEST INDIVIDUAL (Mpa) :	12.5	10.5	5.5
<b>AVERAGE STRENGTH :</b>	<b>43.27 (MPa)</b>	AVERAGE STRENGTH (Mpa) :	17	14	7

Operations Manager: *Heimish de Klerk*

Technical Signatory: *Phila Sikweyiya*