

Grahamstown Brick (Pty) Ltd t/a Makana Brick
 BEACONSFIELD FARM | PO BOX 7068 GRAHAMSTOWN NORTH 6148
 TEL: +27 (46) 603 6300 | FAX: 086 729 4076
 EMAIL: sales@makanabrick.co.za | WEBSITE: www.makanabrick.co.za
 Company Reg. No. 1995 / 007023 / 07



Date of testing: 30 November 2022

CERTIFICATE | BURNT CLAY MASONRY UNITS

PRODUCT DESCRIPTION / QUNU TRAVERTINE LIGHT - QTL

SAMPLE NUMBER	LENGTH mm	WIDTH mm	HEIGHT mm	WEIGHT kg	WATER ABSORPTION % 24HR SOAKING	STRENGTH Mpa
1	229	108	75	2.65	11.63	32.98
2	224	105	72	2.57	6.54	44.75
3	225	110	73	2.53	9.82	31.57
4	227	109	73	2.56	10.84	35.98
5	225	106	73	2.58	6.85	43.04
6	227	107	73	2.58	9.01	38.04
7	228	105	73	2.51	10.07	33.00
8	224	105	74	2.57	7.85	38.87
9	224	106	73	2.55	8.07	40.47
10	226	108	75	2.56	11.72	35.14
11	228	108	75	2.54	10.94	30.41
12	229	107	75	2.58	10.67	33.19

NUMBER OF SAMPLES :	12 UNITS	SPECIFICATION AS PER SABS 227			
AVERAGE LENGTH :	226 (mm)	± 3.5mm of specified length			
AVERAGE WIDTH :	107 (mm)	± 2.0mm of specified width			
AVERAGE HEIGHT :	74 (mm)	± 2.0mm of specified height			
WATER ABSORPTION :	9.50 (%)	Product Description	FBS	NFX	NFP
AVERAGE WEIGHT :	2.56 (KG)	LOWEST INDIVIDUAL (Mpa) :	12.5	10.5	5.5
AVERAGE STRENGTH :	36.45 (MPa)	AVERAGE STRENGTH (Mpa) :	17	14	7

Operations Manager: *Heimish de Klerk*

Technical Signatory: *Thanduxolo January*

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Date of testing: 14 October 2022

CERTIFICATE | BURNT CLAY MASONRY UNITS

PRODUCT DESCRIPTION / HERITAGE SATIN

SAMPLE NUMBER	LENGTH mm	WIDTH mm	HEIGHT mm	WEIGHT kg	WATER ABSORPTION % 24HR SOAKING	STRENGTH Mpa
1	222	106	74	2.67	5.42	47.25
2	225	107	73	2.64	7.20	38.77
3	225	109	74	2.66	7.92	29.07
4	223	106	74	2.67	4.50	42.47
5	225	107	74	2.68	7.06	41.15
6	227	107	74	2.66	8.71	37.07
7	222	105	72	2.63	4.39	50.80
8	224	107	71	2.62	7.01	44.21
9	224	107	73	2.67	7.05	39.69
10	222	106	73	2.65	6.55	46.77
11	225	108	73	2.65	7.05	37.65
12	225	107	74	2.65	6.83	46.15

NUMBER OF SAMPLES :	12 UNITS	SPECIFICATION AS PER SABS 227			
AVERAGE LENGTH :	224 (mm)	± 3.5mm of specified length			
AVERAGE WIDTH :	107 (mm)	± 2.0mm of specified width			
AVERAGE HEIGHT :	73 (mm)	± 2.0mm of specified height			
WATER ABSORPTION :	6.64 (%)	Product Description	FBS	NFX	NFP
AVERAGE WEIGHT :	2.65 (KG)	LOWEST INDIVIDUAL (Mpa) :	12.5	10.5	5.5
AVERAGE STRENGTH :	41.75 (MPa)	AVERAGE STRENGTH (Mpa) :	17	14	7

Operations Manager: *Heimish de Klerk*

Technical Signatory: *Thanduxolo January*

Date of testing: 29 June 2022

CERTIFICATE | BURNT CLAY MASONRY UNITS

PRODUCT DESCRIPTION / HERITAGE TRAVERTINE

SAMPLE NUMBER	LENGTH mm	WIDTH mm	HEIGHT mm	WEIGHT kg	WATER ABSORPTION % 24HR SOAKING	STRENGTH Mpa
1	220	107	74	2.58	6.35	48.62
2	222	107	73	2.55	7.64	40.78
3	220	106	71	2.52	6.62	42.93
4	223	107	74	2.61	7.90	35.76
5	220	107	72	2.55	6.55	46.77
6	220	106	74	2.56	8.29	39.05
7	223	108	73	2.51	9.25	33.61
8	220	107	73	2.60	6.23	42.07
9	222	106	73	2.56	7.34	46.69
10	222	107	74	2.62	7.98	45.10
11	220	105	73	2.59	6.13	43.64
12	219	105	73	2.58	6.39	42.54

NUMBER OF SAMPLES :	12 UNITS	SPECIFICATION AS PER SABS 227			
AVERAGE LENGTH :	221 (mm)	± 3.5mm of specified length			
AVERAGE WIDTH :	107 (mm)	± 2.0mm of specified width			
AVERAGE HEIGHT :	73 (mm)	± 2.0mm of specified height			
WATER ABSORPTION :	7.22 (%)	Product Description	FBS	NFX	NFP
AVERAGE WEIGHT :	2.57 (KG)	LOWEST INDIVIDUAL (Mpa) :	12.5	10.5	5.5
AVERAGE STRENGTH :	42.30 (MPa)	AVERAGE STRENGTH (Mpa) :	17	14	7

Operations Manager: *Henk Myburgh*

Technical Signatory: *Thanduxolo January*