

Date of testing: 29 September 2020

CERTIFICATE | BURNT CLAY MASONRY UNITS

PRODUCT DESCRIPTION / CATHCART TRAVERTINE - CT

SAMPLE NUMBER	LENGTH mm	WIDTH mm	HEIGHT mm	WEIGHT kg	WATER ABSORPTION % 24HR SOAKING	STRENGTH Mpa
1	220	109	72	2.51	5.96	34.87
2	225	110	72	2.52	11.59	28.21
3	222	110	72	2.49	8.74	30.84
4	222	110	71	2.50	8.62	31.72
5	223	109	73	2.53	11.29	25.76
6	223	110	72	2.50	8.87	28.03
7	224	111	72	2.50	10.11	25.41
8	223	111	72	2.48	10.30	27.15
9	223	109	71	2.48	9.27	24.12
10	222	110	72	2.50	9.11	30.37
11	223	112	72	2.47	11.21	26.04
12	220	110	71	2.46	7.51	36.08

NUMBER OF SAMPLES :	12 UNITS	SPECIFICATION AS PER SABS 227			
AVERAGE LENGTH :	223 (mm)	± 3.5mm of specified length			
AVERAGE WIDTH :	110 (mm)	± 2.0mm of specified width			
AVERAGE HEIGHT :	72 (mm)	± 2.0mm of specified height			
WATER ABSORPTION :	9.38 (%)	Product Description	FBS	NFX	NFP
AVERAGE WEIGHT :	2.50 (KG)	LOWEST INDIVIDUAL (Mpa) :	12.5	10.5	5.5
AVERAGE STRENGTH :	29.05 (MPa)	AVERAGE STRENGTH (Mpa) :	17	14	7

Operations Manager:

Henk Myburgh

Technical Signatory:

Bryn Werth