

Date of testing: 11 November 2020

CERTIFICATE | BURNT CLAY MASONRY UNITS

PRODUCT DESCRIPTION / IRON SPOT - IS

SAMPLE NUMBER	LENGTH mm	WIDTH mm	HEIGHT mm	WEIGHT kg	WATER ABSORPTION % 24HR SOAKING	STRENGTH Mpa
1	224	106	71	3.14	7.38	47.17
2	224	105	72	3.15	7.41	51.66
3	222	106	72	3.23	7.29	48.17
4	226	105	72	3.15	8.67	50.41
5	223	105	72	3.22	7.01	36.33
6	222	105	71	3.14	7.80	50.95
7	223	106	72	3.22	7.11	57.96
8	224	105	72	3.22	7.09	52.25
9	226	106	72	3.21	7.98	40.49
10	224	105	71	3.12	7.13	46.27
11	224	105	71	3.15	8.23	45.25
12	224	105	71	3.16	7.69	45.17

NUMBER OF SAMPLES :	12 UNITS	SPECIFICATION AS PER SABS 227			
AVERAGE LENGTH :	224 (mm)	± 3.5mm of specified length			
AVERAGE WIDTH :	105 (mm)	± 2.0mm of specified width			
AVERAGE HEIGHT :	72 (mm)	± 2.0mm of specified height			
WATER ABSORPTION :	7.57 (%)	Product Description	FBS	NFX	NFP
AVERAGE WEIGHT :	3.17 (KG)	LOWEST INDIVIDUAL (Mpa) :	12.5	10.5	5.5
AVERAGE STRENGTH :	47.67 (MPa)	AVERAGE STRENGTH (Mpa) :	17	14	7

Operations Manager:

Henk Myburgh

Technical Signatory:

Bryn Werth