

Tests on Individual Brick

Conducted by Robert Marshall at the University of
Toronto for the City Architect's Department, Toronto

No.	Absorption		Process.	Centre load, (7" between supports).		Area, sq. in.	Crushing,	Crushing,
	%						lbs.	lbs. per sq. in.
41	14.2	....	Soft mud, rock and pallet yard	1,215	34.1	91,700	2,690	
33	13.8	....	Dry press	1,360	33.7	155,300	4,615	
35	17.9	....	Dry press	1,970	34.8	159,350	4,580	
38	11.53	....	Stiff mud setting off yard	1,945	31.4	113,600	3,610	
11	11.6	....	Stiff mud	1,980	44.5	115,680	4,515	
62	15.85	....	Hydrated lime	1,045	32.9	80,400	2,445	
12	15.7	....	Stiff mud, rock and pallet yard in summer	1,470	34.4	122,600	3,565	
61	20.9	....	Stiff mud, rock and pallet yard in summer	1,400	34.8	80,630	2,320	
13	9.96	....	Soft mud	3,285	32.9	202,800	6,170	
60	18.85	....	Soft mud, rock and pallet yard	1,160	36.7	82,600	2,250	
14	16.4	....	Soft mud	1,895	34.5	106,300	3,080	
58	11.2	....	Hydrated process	470	34.2	128,260	3,750	
15.2	4.26	....	Stiff plastic wire cut	4,100	33.1	202,800	6,135	
57	16.9	....	Soft mud, rock and pallet	1,160	34.9	91,400	2,620	
16.2	9.9	....	Stiff plastic wire cut dry press	2,050	33.9	120,520	3,555	
56	16.35	....	Soft mud, rock and pallet yard	1,180	34.2	98,510	2,875	
17	6.1	....	Stiff plastic wire cut dry press	2,650	34.5	202,800	5,880	
55	22.4	....	Stiff mud	2,135	36.6	99,050	2,700	
18	12.95	....	Stiff plastic	1,945	31.3	46,200	1,476	
54	14.6	....	Soft mud, rock and pallet yard	1,055	33.6	119,000	3,540	
20.2	12.56	....	Stiff mud	2,020	35.	119,000	3,405	
67	24.8	....	Soft mud, rock and pallet	1,735	37.2	100,950	2,710	
22	14.52	....	Soft mud, rock and pallet yard	2,480	32.3	140,820	4,365	
51	21.9	....	Stiff mud setting off yard	2,755	35.8	107,470	3,000	
23	9.1	....	Hydrated lime process pan mixer	540	33.6	105,800	3,110	
50.1	14.86	....	Stiff mud setting off yard	3,740	33.0	158,600	4,815	
46	13.45	....	Stiff mud setting off yard	1,590	32.5	97,200	2,985	
45	14.65	....	Stiff mud setting off yard	1,045	35.6	71,700	2,010	
43	19.6	....	Stiff mud setting off yard	2,355	32.5	132,080	4,080	
1	10.3	....	Quicklime	1,005	32.6	97,900	3,000	
73	7.1	....	Machine mixed sand with Portland cement	1,100	34.0	82,250	2,420	
2	6.4	....	Hydrated lime	1,610	33.2	154,200	4,640	
71	17.0	....	Stiff plastic wire cut	3,070	35.2	169,480	4,820	
3	19.6	....	Dry press	1,620	34.	194,600	5,720	
68	13.25	....	Hydrated lime, pan mixed	660	35.7	58,740	1,645	
70	15.81	....	Stiff plastic wire cut	2,640	35.6	202,800	5,700	
4.2	12.4	....	Dry press, stiff plastic wire cut	1,620	32.4	151,600	4,680	
67	9.26	....	Hydrated lime, pan mill mixed	845	33.7	79,960	2,375	
5	19.3	....	Stiff plastic wire cut	2,750	33.	202,800	6,150	
65	16.3	....	Rock and pallet yard	1,155	34.2	70,900	2,070	
6	3.64	....	Plastic wire cut	5,320	32.7	202,800	6,215	
21	9.15	....	Soft mud	2,220	32.6	126,940	3,890	
7.1	6.06	....	Stiff plastic wire cut	3,760	33.9	202,800	5,980	
7.2	18.5	....	Stiff plastic wire cut	1,170	33.1	202,800	6,135	
64.3	25.35	....	Stiff mud, stiff plastic, dry press	1,210	34.6	157,040	4,530	
64.4	12.68	....	Stiff mud, stiff plastic, dry press	1,935	35.1	202,800	5,780	
64.5	19.0	....	Stiff mud, stiff plastic, dry press	1,770	34.4	93,700	2,720	
64.6	20.0	....	Stiff mud, stiff plastic, dry press	1,150	32.8	37,300	1,145	
8	12.1	....	Dry press	1,980	34.1	181,240	5,320	
63	14.46	....	Dry press	1,200	34.3	117,160	3,420	
10	13.86	....	Dry press	1,975	33.	165,900	5,020	
24	12.25	....	Quicklime process pan mill mixed	780	35.5	80,970	2,275	
25	12.5	....	Soft mud, rock and pallet yard	1,440	34.2	100,800	2,950	
27	26.7	....	Soft mud, rock and pallet yard	1,335	33.1	89,400	2,700	
30	14.6	....	Dry press	2,140	34.2	183,500	5,370	
42.2	23.35	....	Stiff mud setting off yard	1,710	33.8	165,950	3,130	
42.1	15.4	....	Stiff mud setting off yard	1,760	33.6	126,000	3,750	
31	16.4	....	Dry press	2,300	34.4	202,800	5,900	
32	15.15	....	Dry press and stiff plastic wire cut	1,895	33.9	202,800	5,980	
34	15.6	....	Dry press	1,625	32.9	147,100	4,470	
37	12.8	....	Stiff mud setting off yard	1,500	34.4	139,000	4,040	
40	11.25	....	Soft mud setting off yard	1,050	34.4	80,840	2,350	