




BRICK TEST RESULTS COMPRESSIVE STRENGTH BS 3921:1985, APPENDIX D¹

Project	(AE1613) 71 AR 240301
Sandberg Sample Reference	K19074
Client Sample Reference	71 Avenue Road
Type of Brick	Reclaimed
Mean strength of mortar used to fill frogs at test, days, N/mm ²	33.5

Sandberg Specimen Reference	Client Specimen Reference	Specimen Description (e.g. colour, whole/part, solid/frog)	Measured Dimension, mm			Surface Area mm ²	Maximum Failing Load kN	Compressive Strength ² N/mm ²
			length	width	height			
K19074/1	71 Ave Rd Sample 1-907 Acacia Rd, GF, Lift+Lift Lobby	Red, Whole, Single Frog	226	104	63	23504	175	7.4
K19074/2	71 Ave Rd Sample 2-Acacia Rd, GF, Powder Rm	Red, Part, Single Frog	-	-	63*	10043	81.5	8.1
K19074/3	71 Ave Rd Sample 3-907 Acacia Rd, GF, Entrance Hall	Red, Part, Single Frog	-	-	60*	19916	247	12.4
K19074/5	71 Ave Rd Sample 5-907 Acacia Rd, 1 st Fl + His Dressing	Red, Whole, Single Frog	225	110	62	24750	257	10.5
K19074/6	71 Ave Rd Sample 6-907 Acacia Rd, FF+Her Ensuite	Red, Part, Single Frog	-	-	60*	20614	132	6.4
Average								N/A

¹ BS 3921:1985 has been withdrawn and replaced by parts of BS EN 771 and BS EN 772 series. However for the purposes of testing reclaimed bricks we have continued to use BS 3921 methods.
² To the nearest 0.1N/mm²
^{*} Area measured as per BS6717-1:1993 Annex A. Shapes other than rectangle, May not give true indication of brick compressive strength.

Client	SHH Architecture & Interior Design 1 Vencourt Place London W6 9NU	Signed	For Sandberg LLP 
	For the attention of	Name	John Gallagher
		Position	Deputy Quality Manager
Reference		Date	26 April 2024

The results contained in this certificate apply to the sample as received and tested. This certificate shall not be reproduced except in full without the written approval of Sandberg LLP. Materials, samples and test specimens are retained for a period of 2 months from the issue of this test certificate. Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. **End of Report**



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			length	width	height			
K19074/7	71 Ave Rd Sample 7-907 Acacia Rd, FF+Guest Bedroom 2	Red, Whole, Single Frog	224	95	63	21288	540	25.4
K19074/9	71 Ave Rd Sample 9-907 Acacia Rd, FF+ Seasonal Dressing Rm	Red, Whole, Single Frog	227	101	61	22927	167	7.3
K19074/10	71 Ave Rd Sample 10	Red, Whole, Single Frog	225	101	64	22725	73.4	3.2
K19074/12	71 Ave Rd Sample 11	Red, Whole, Single Frog	233	104	67	24232	245	10.1
K19074/14	71 Ave Rd Sample 14-907 Acacia Rd, Fitness Studio, 2 nd Fl	Red, Part, Single Frog	-	-	63*	20257	171	8.4
Average								N/A

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