

TESTING & EXPERIMENTING WORKS,
99, Southwark Street,
London, S.E. 1.

28th June, 1918.

RESULTS OF TESTS for PERCOLATION OF CONCRETE SLABS received from yourselves.
Size 9" x 9" x 2". Water pressure applied over surface 5" diar.

TEST NO.	DESCRIPTION	PRESSURE APPLIED.	PERIOD UNDER TEST	REMARKS
AAA	Age of slabs when test commenced - <u>19 days</u>	Lbs. per sq. inch	Days.	
	Marked			
4274	Cast 31st May Mixture 1 $\frac{1}{4}$:1:2 63	5	1	Surface dry.
		30	4	Surface wet after 6 hours. When broken, slab was completely penetrated.
4275	do. 64	5	1	Surface dry.
		30	4	Slab cracked after 1 hour.
4276	do. 65	5	1	Surface dry.
		30	4	About $\frac{1}{4}$ of surface damp after 1 day but dampness did not spread further & began to dry off on 3rd day. When broken water had penetrated $1\frac{7}{8}$ inches.
4277	Cast 31st May Mixture 1:1:2 73	5	1	Surface dry.
		30	4	Surface covered with water after 6 hours. When broken slab was completely penetrated.
4278	do. 74	5	1	Surface dry.
		30	4	Surface shewed small damp spots after 2 days and these spread slowly during next day & then began to dry. When broken, slab was just completely penetrated.
4279	do. 75	5	1	Surface dry.
		30	4	Surface damp after 1 day, Began to dry on 3rd day and was quite dry on 4th day. When broken, slab was just completely penetrated.

Continue on P.E. Report

Messrs. Christiani & Nielsen,
25, Victoria Street,
Westminster, S.W. 1.

(Sgd) DAVID KIRKALDY & SON.



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