

Ref W.S.W./E.A.

Testing & Experimental Works,
99, Southwark Street,
London S.E.1.

31st. January, 1919.

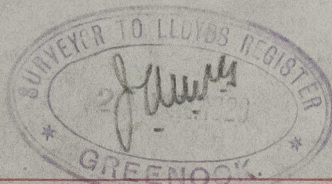
Results of Tests for Percolation of Concrete slabs received from
yourselves

Slabs 9" x 9" x 2" thick

Water pressure applied over surface
5" dia.

Test No.	Description.	Pressure applied.	Period under test.	Remarks.
B.B.B.	Age of slabs when test commenced. 19 days.	lbs. per sq. inch	days.	
147.	marked m.2. 8/1/19. J. McE.	30.	4.	Surface remained dry throughout test. When broken, water had penetrated 3/8 inch.
148.	Proportions 1 part cement (Aberthaw & Rhosce) 1.15 parts sand (Loch Ridden Sand). 2.30 parts aggregate (2 parts washed threelbed granite). (1 part Dalbeath granite).	30.	4.	Surface remained dry throughout test. When broken, water had penetrated 5/8 inch.
149.		30.	4.	Surface remained dry throughout test. When broken, water had penetrated 1 inch.
180.	marked m.4. 8/1/19. J. McE.	30.	4.	Surface remained dry throughout test. When broken, water had penetrated 1/2 inch.
181.	Proportions as above	30.	4.	Surface became damp around edge during first day, but had dried completely by third day. When broken, water had penetrated 3/4 inch (1 1/2 inches in one spot).
182.		30.	4.	Surface became damp around edge during first day, but had dried completely by third day. When broken, water had penetrated 1 1/2 inches.

Slabs were immersed in water when received and taken out 24 hours before testing.



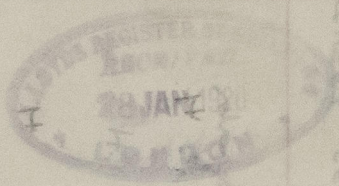
Messrs. The Scottish Concrete Ship Co., Ltd.,
Battery Park, Greenock.

(Sgd.) David Kirkaldy & Son

S. S. Cretehaven:

The Scottish Concrete Ship
Co's. No: 2:

Grk. Rpt. No: 17594



(Sgd.) David Kirkaldy & Son.

W737-0029



© 2021

Lloyd's Register
Foundation

W737-0029