Contaminated land: risk assessment for building materials: report of analysis of samples after immersion in solution for 3 years

Mass of 100mm cubes of Natural Cement (NC) concrete immersed in solutions A – G for 3 years

Project report number 79886/M6 2001

© Building Research Establishment Ltd
Commercial in confidence

Cube identity	Initial mass/g	Final Mass/g	Mass change/g	Mass change /%N	Solution identity
NC-1	2342.8	2356.6	+13.8	+0.59	A
NC-2	2351.4	2366.6	+15.2	+0.65	A
NC-3	2344.6	2358.2	+13.6	+0.58	A
NC-12	2364.7	2385.2	+20.5	+0.87	B
NC-13	2335.1	2357.9	+22.8	+0.98	B
NC-14	2357.7	2378.7	+21.0	+0.89	B
NC-23	2332.2	2350.4	+18.20	+0.78	C
NC-24	2332.9	2350.6	+17.7	+0.76	C
NC-25	2360.2	2377.3	+17.1	+0.72	C
NC-34	2354.4	2368.1	+13.7	+0.58	D
NC-35	2372.3	2384.9	+12.6	+0.53	D
NC-36	2324.9	2338.1	+13.2	+0.57	D
NC-45	2330.7	2342.2	+11.5	+0.49	E
NC-46	2321.2	2334.6	+13.4	+0.58	E
NC-47	2365.7	2378.6	+12.9	+0.55	E
NC-56	2356.0	2373.5	+17.5	+0.74	F
NC-57	2322.6	2341.0	+18.4	+0.79	F
NC-58	2353.3	2370.0	+16.7	+0.71	F
NC-67	2390.8	2401.9	+11.1	+0.46	G
NC-68	2332.9	2343.5	+10.6	+0.45	G
NC-69	2356.2	2366.4	+10.2	+0.43	G

Natural Cement Distribution Ltd.
10-11 Fountain Parade, Mapplewell, Barnsley. S75 6FW
Tel: 01226 381133 Fax: 01226 381177 www.naturalcement.co.uk