

ANALYSIS CERTIFICATE

QUALITY CONTROL DEPARTMENT



Cement Type: **White Masonry Cement**

PHYSICAL PROPERTIES

CEMENT CHARACTERISTICS	TEST RESULT (ROYAL)	STANDARD	C_91			UNITS
			N	S	M	
Fineness, 45 micron: maximum	2.4	C-430	24	24	24	% retained
Whiteness (CIE 1931)	L,a,b					%
						%
						%
Autoclave Expansion, maximum	0.021	C-151	1.0	1.0	1.0	%
Water Retention	75.29	C-1506	70 min.	70 min.	70 min.	%
Air content of mortar: volume	13.03	C-185	8 ≥ AC ≤ 21	8 ≥ AC ≤ 19	8 ≥ AC ≤ 19	%
Compressive strengths, min		C-109				
7 days	13.0 - 17.0		≥ 3.4 (500)	≥ 9.0 (1300)	≥ 12.40 (1800)	MPa (psi)
28 days	21.0 - 25.0		≥ 6.20 (900)	≥ 14.48 (2100)	≥ 20.0 (2900)	



Approval by:
LAB. & Q.C.