



ROYAL WHITE CEMENT INC.  
 White Portland Cement Specifications  
 Type I  
 A.S.T.M C150  
 Tel: 1-866-655-0000

Chemical Requirements	Spec. Limit	Test Limit	Physical Requirements	Spec. Limit	Test Result
MgO, (%)	6.0 max	0.15	Average Fineness (Blaine) (m <sup>2</sup> /Kg)	280 min	415
SO <sub>3</sub> , (%) C <sub>3</sub> A < 8	3.0 max			420 max	
SO <sub>3</sub> , (%) C <sub>3</sub> A > 8	3.5 max	2.79	Autoclave Expansion (%)	0.80 max	0.75
Loss on Ignition, (%)	3.0 max	2.65			
Insoluble Residue, (%)	0.75 max	0.55	<b>Time of Setting:</b>		
			Vicat initial set, minutes	45 min	115
				375 max	170
Limestone (%)	5.0 max	1.00			
C <sub>3</sub> S		59.48	<b>Compressive strengths: (psi)</b>		
C <sub>2</sub> S		21.84	3 days	1740 min	3900
C <sub>3</sub> A		11.49	7 days	2760 min	4750
C <sub>4</sub> AF		0.75	28 days		7975
			<b>Whiteness</b>		92

\*We certify that the above described cement, at the time of shipment, meets the chemical and physical requirements of the ASTM C 150 specification.