



Report of Cement Analysis  
 Calcium Sulfoaluminate Cement

Date: June 2019

CHEMICAL ANALYSIS

Chemical Requirements	Spec. Limit	Test Limit	Physical Requirements	Spec. Limit	Test Limit
(SiO <sub>2</sub> )	10.5 max		Average Fineness (Blaine) (m <sup>2</sup> /Kg)	550 max	
(SiO <sub>3</sub> )	7.5 min				
	11.0 max		<b>Time of Setting:</b>		
Fe <sub>2</sub> O <sub>3</sub> (%)	1.5 min		Initial (minutes)	25 min	
	2.5 max		Final (minutes)	300 max	
CaO (%)	40.0 min				
	43.5 max		<b>Compressive Strength: (psi)</b>		
MgO (%)	3.5 max		6 hours	3500 min	
TiO <sub>2</sub>	1.0 min		8 hours	5100 min	
	2.0 max		12 hours	6500 min	
Al <sub>2</sub> O <sub>3</sub>	36.0 min		1 day	8000 min	
			3 days	9000 min	
			7 days	10000 min	

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