



Typical Technical Data  
**WAM® AL 70 LC**

Classification	Aluminum Resistant Low Cement Castable
Installation Method	Vibration Casting
Typical Water Addition for Vibration Casting (%)	5.0
Density (pcf) after 230 °F	165
after 1500 °F	162
Modulus of Rupture (psi) after 230 °F	3060
after 1500 °F	2570
HMOR at Noted Temperature (psi / °F)	NA
Cold Crushing Strength (psi) After 230 °F	17610
after 1500 °F	16010
Permanent Linear Change (%) after 230 °F	<0.01
after 1500 °F	-0.2
Calculated Chemical Analysis (%)	
Aluminum Oxide	67.5
Silicon Dioxide	26.7
Calcium Oxide	2.2
Titanium Oxide	2.3
Iron Oxide	0.9
Magnesium Oxide	0.1
Total Alkali	0.2
Other	5.9



Last Revision 04-07-03

| *Data on this table represents typical properties, and cannot be used for specification purposes.*