



Typical Technical Data  
**WAM® CG 80 LC**

Classification	Construction Grade Low Cement Castable
Installation Method	Vibration Casting
Typical Water Addition for Vibration Casting (%)	5.5
Density (pcf) after 230 °F	173
after 1500 °F	170
Modulus of Rupture (psi) after 230 °F	2940
after 1500 °F	2400
HMOR at Noted Temperature (psi / °F)	NA
Cold Crushing Strength (psi) After 230 °F	16000
after 1500 °F	12950
Permanent Linear Change (%) after 230 °F	<0.01
after 1500 °F	-0.2
after 2800 °F	0.8
Calculated Chemical Analysis (%)	
Aluminum Oxide	79.0
Silicon Dioxide	14.9
Calcium Oxide	1.8
Titanium Oxide	2.9
Iron Oxide	1.1
Magnesium Oxide	0.1
Total Alkali	0.1

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