



Typical Technical Data
WAM® CG 70 LC

Classification	Construction Grade Low Cement Castable
Installation Method	Vibration Casting
Typical Water Addition for Vibration Casting (%)	5.5
Density (pcf) after 230 °F	166
after 1500 °F	164
Modulus of Rupture (psi) after 230 °F	2510
after 1500 °F	2420
HMOR at Noted Temperature (psi / °F)	650 at 2500
Cold Crushing Strength (psi) After 230 °F	16200
after 1500 °F	13350
Permanent Linear Change (%) after 230 °F	<0.01
after 1500 °F	-0.2
after 3000 °F	0.4
Calculated Chemical Analysis (%)	
Aluminum Oxide	70.5
Silicon Dioxide	23.8
Calcium Oxide	1.8
Titanium Oxide	2.6
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