



Preliminary Technical Data
WAM® CG 50 LW

Classification	Lightweight, Standard Cement Castable
Maximum Recommended Service Temperature	2000 °F
Installation Method	Standard Casting
Typical Water Addition for Vibration Casting (%)	45.0
Dry Material Needed for Vibration Casting (pcf)	48
Density (pcf)	
after 230 °F	52
after 1500 °F	48
Modulus of Rupture (psi)	
after 230 °F	310
after 1500 °F	--
Cold Crushing Strength (psi)	
After 230 °F	560
after 1500 °F	--
Permanent Linear Change (%)	
after 230 °F	<0.1
after 1500 °F	-0.6
after 2000 °F	-1.9
Calculated Chemical Analysis (%)	
Aluminum Oxide	36.3
Silicon Dioxide	52.1
Calcium Oxide	6.3
Titanium Oxide	2.3
Iron Oxide	1.3
Total Alkali	1.6

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