



Preliminary Technical Data
WAM® CG 100 LW

Classification	Lightweight, Standard Cement Castable
Maximum Recommended Service Temperature	2800 °F
Installation Method	Standard Casting
Typical Water Addition for Vibration Casting (%)	15.0
Dry Material Needed for Vibration Casting (pcf)	98
Density (pcf)	
after 230 °F	101
after 1500 °F	98
Modulus of Rupture (psi)	
after 230 °F	1450
after 1500 °F	--
Cold Crushing Strength (psi)	
After 230 °F	3340
after 1500 °F	--
Permanent Linear Change (%)	
after 230 °F	<0.1
after 1500 °F	-0.1
after 2300 °F	+0.2
Calculated Chemical Analysis (%)	
Aluminum Oxide	52.1
Silicon Dioxide	39.1
Calcium Oxide	5.4
Titanium Oxide	1.6
Iron Oxide	0.9
Total Alkali	0.8

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