



Preliminary Technical Data  
**WAM® CG 85 LW**

Classification	Lightweight, Standard Cement Castable
Maximum Recommended Service Temperature	2600 °F
Installation Method	Standard Casting
Typical Water Addition for Vibration Casting (%)	20.0
Dry Material Needed for Vibration Casting (pcf)	81
Density (pcf)	
after 230 °F	84
after 1500 °F	81
Modulus of Rupture (psi)	
after 230 °F	920
after 1500 °F	--
Cold Crushing Strength (psi)	
After 230 °F	1830
after 1500 °F	--
Permanent Linear Change (%)	
after 230 °F	<0.1
after 1500 °F	-0.2
after 2300 °F	-0.2
Calculated Chemical Analysis (%)	
Aluminum Oxide	48.4
Silicon Dioxide	42.4
Calcium Oxide	5.4
Titanium Oxide	1.7
Iron Oxide	0.9
Total Alkali	0.9

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