



Typical Technical Data  
**WAM®50 ULC**

Classification	Ultra-Low Cement Castable
Installation Method	Vibration Casting
Typical Water Addition for Vibration Casting (%)	5.5
Density (pcf) after 230 °F	156
after 1500 °F	156
Modulus of Rupture (psi) after 230 °F	NA
after 1500 °F	2100
HMOR at Noted Temperature (psi / °F)	1050 at 2500
Cold Crushing Strength (psi) After 230 °F	NA
after 1500 °F	11350
Permanent Linear Change (%) after 230 °F	<0.01
after 1500 °F	-0.1
after 2900 °F	0.3
Calculated Chemical Analysis (%)	
Aluminum Oxide	56.2
Silicon Dioxide	40.3
Calcium Oxide	0.7
Titanium Oxide	1.7
Iron Oxide	0.8
Magnesium Oxide	0.1
Total Alkali	0.2

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