



Typical Technical Data  
**WAM® EMT 70**

Classification	Enhanced Monolithic Technology Castable
Installation Method	Standard Installation
Typical Water Addition for Standard Installation (%)	7.5
Density (pcf)	
after 230 °F	161
after 1500 °F	156
Modulus of Rupture (psi)	
after 230 °F	1720
after 1500 °F	1160
HMOR at Noted Temperature (psi / °F)	NA
Cold Crushing Strength (psi)	
After 230 °F	8940
after 1500 °F	7850
Permanent Linear Change (%)	
after 230 °F	<0.01
after 1500 °F	-0.1
after 2800 °F	0.4
Calculated Chemical Analysis (%)	
Aluminum Oxide	69.1
Silicon Dioxide	21.1
Calcium Oxide	5.3
Titanium Oxide	2.9
Iron Oxide	1.2
Magnesium Oxide	0.2
Total Alkali	0.1

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