



Typical Technical Data  
**WAM® EMT 50**

Classification	Enhanced Monolithic Technology Castable
Installation Method	Standard Installation
Typical Water Addition for Standard Installation (%)	8.0
Density (pcf) after 230 °F	147
after 1500 °F	143
Modulus of Rupture (psi) after 230 °F	1580
after 1500 °F	1060
HMOR at Noted Temperature (psi / °F)	NA
Cold Crushing Strength (psi) After 230 °F	8200
after 1500 °F	7170
Permanent Linear Change (%) after 230 °F	<0.01
after 1500 °F	-0.1
after 2800 °F	0.2
Calculated Chemical Analysis (%)	
Aluminum Oxide	52.3
Silicon Dioxide	38.6
Calcium Oxide	5.3
Titanium Oxide	2.3
Iron Oxide	1.0
Magnesium Oxide	0.2
Total Alkali	0.2

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