



Typical Technical Data
WAM® EMT 80

Classification	Enhanced Monolithic Technology Castable
Installation Method	Standard Installation
Typical Water Addition for Standard Installation (%)	7.5
Density (pcf)	
after 230 °F	170
after 1500 °F	165
Modulus of Rupture (psi)	
after 230 °F	1810
after 1500 °F	1350
HMOR at Noted Temperature (psi / °F)	NA
Cold Crushing Strength (psi)	
After 230 °F	9220
after 1500 °F	8200
Permanent Linear Change (%)	
after 230 °F	<0.01
after 1500 °F	-0.1
after 2800 °F	0.4
Calculated Chemical Analysis (%)	
Aluminum Oxide	77.6
Silicon Dioxide	12.3
Calcium Oxide	5.3
Titanium Oxide	3.3
Iron Oxide	1.2
Magnesium Oxide	0.2
Total Alkali	0.2

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