



**FUZION**<sup>™</sup>  
TECHNOLOGIES, INC.

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**TECHNICAL DATA**

**AUGUST, 2008**

**F-55 MORTAR**

Pyrometric Cone Equivalent

34 - 35

Cold Bonding Strength

220° (104°C)  
2230° (1221°C)  
3000° (1650°C)

900 PSI (64 kg/cm<sup>2</sup>)  
750 PSI (53 kg/cm<sup>2</sup>)  
3000 PSI+ (211 kg/cm<sup>2</sup>)

Calcined Basis  
Chemical Analysis:

Al <sub>2</sub> O <sub>3</sub>	55.00%
SiO <sub>2</sub>	38.90%
Fe <sub>2</sub> O <sub>3</sub>	.90%
TiO <sub>2</sub>	1.90%
CaO	0.10%
MgO	.20%
Alkalies	3.00%

The information contained in this bulletin is average tests results determined by ASTM Test Procedures and are subject to normal variation or individual tests. All data is believed to be accurate and reliable but is not to be construed as implying any warranty or guarantee of performance.