



FUZION™
TECHNOLOGIES, INC.

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Freeport Brick Division

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Kittanning Brick Division

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Adrian PA 16210
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**Armstrong Precision Manufacturing
Division**

114 West Park Drive
Kittanning PA 16201
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Memphis Division

4126 Delp Street Suite 200
Memphis TN 38118
901-365-6632

TECHNICAL DATA

August, 2008

F70A BRAND

Apparent Porosity	19.0%
Bulk Density	2.60 g/cc 163 lb/cuft
Permanent Linear Change (2912°F (1600°C) - 2 hrs.)	2.8%
Linear Thermal Expansion (1832°F (1000°C))	0.6%
Cold Crushing Strength	4500 psi
Modulus of Rupture	1100 psi
Calcined Basis Chemical Analysis:	
Al ₂ O ₃	71.30%
SiO ₂	21.21%
CaO	0.31%
MgO	0.29%
Na ₂ O	0.12%
K ₂ O	0.73%
Fe ₂ O ₃	1.71%
TiO ₂	3.12%
P ₂ O ₅	1.21%

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.