



FUZION[™]
TECHNOLOGIES, INC.

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TECHNICAL DATA

August, 2008

Freeport Brick Division
P.O. Box 338
Freeport PA 16229
724-295-2800
Fax 724-295-2815

Kittanning Brick Division
R.D. #1, Box 279
Adrian PA 16210
724-543-1200
Fax 724-868-2721

Armstrong Precision Manufacturing Division
114 West Park Drive
Kittanning PA 16201
724-545-2223
Fax 724-543-2592

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

F70 PH3 BRAND

Apparent Porosity	19.0%
Bulk Density	2.60 g/cc 162 lbs/cuft
Permanent Linear Change (2912°F (1600°C) - 2 hrs.)	2.8%
Linear Thermal Expansion (1832°F (1000°C))	0.6%
Cold Crushing Strength	5000 psi
Modulus of Rupture	1100 psi
Calcined Basis Chemical Analysis:	
Al ₂ O ₃	70.80%
SiO ₂	21.00%
CaO	0.30%
MgO	0.30%
Na ₂ O	0.10%
K ₂ O	0.70%
Fe ₂ O ₃	1.70%
TiO ₂	3.10%
P ₂ O ₅	2.00%

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.