



**FUZION™**  
TECHNOLOGIES, INC.

WWW.FUZIONTECHNOLOGIES.US

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

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

**TECHNICAL DATA**  
**AC BRAND TYPE III**  
Chemical Resistant Brick

**August, 2011**

Water Absorption	1.0%
Porosity	3.5%
Bulk Density	2.37 g/cc
Modulus of Rupture	2200 psi
CCS	15000 psi
Youngs Modulus (PSI)	8.7E +06
Acid Solubility	less than 5%

Thermal Conductivity	
BTU In/Hr. Sq. Ft.	
at 300° F	8.42
at 600° F	8.95
at 1299° F	9.62
at 1600° F	10.6

Calcined Basis  
Chemical Analysis:

SiO <sub>2</sub>	66.35%
Al <sub>2</sub> O <sub>3</sub>	28.00%
TiO <sub>2</sub>	1.70%
Fe <sub>2</sub> O <sub>3</sub>	0.40%
CaO	0.35%
MgO	0.65%
Na <sub>2</sub> O	0.30%
K <sub>2</sub> O	2.25%

The information contained in this bulletin are 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.