



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 II
Chemical Resistant Brick

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Water Absorption	4%
Porosity	8%
Bulk Density	2.32 g/cc
Modulus of Rupture	2000 psi
CCS	12000 psi
Youngs Modulus (PSI)	7.0E +06
Acid Solubility	less than 8%

Thermal Conductivity	
BTU In/Hr. Sq. Ft.	
at 300° F	8.31
at 600° F	8.85
at 1299° F	9.51
at 1600° F	10.5

Calcined Basis
Chemical Analysis:

SiO ₂	66.35%
Al ₂ O ₃	28.00%
TiO ₂	1.70%
Fe ₂ O ₃	0.40%
CaO	0.35%
MgO	0.65%
Na ₂ O	0.30%
K ₂ 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.