



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
MOREX® / MO-FLINT™
HIGH DUTY FIRECLAY BRICK

AUGUST, 2011

Pyrometric Cone Equivalent	34
Apparent Porosity	17.0%
Bulk Density	2.25 g/cc 140 lb/cu ft
Permanent Linear Change (2912°F (1600°C) - 2 hrs.)	0.6%
Cold Crushing Strength	5000 lb/in ² (350 kg/cm ²)
Modulus of Rupture (PSI)	1250 lb/in ² (87.5 kg/cm ²)
Calcined Basis Chemical Analysis:	
Al ₂ O ₃	42.10%
SiO ₂	52.20%
CaO	0.20%
MgO	0.40%
Na ₂ O	1.00%
K ₂ O	1.00%
Fe ₂ O ₃	1.50%
TiO ₂	2.00%
P ₂ O ₅	0.50%

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.