



**WHITACREgreer**  
*Quality Since 1900*

PRODUCT DATA SHEET-REFRACTORIES

October 04, 2002

PRODUCT: W-G Low Duty Firebrick  
PLANT: Alliance, Ohio  
METHOD OF MANUFACTURE: Vacuum Dry Press

TYPICAL CHEMICAL ANALYSIS

SiO <sub>2</sub> .....	66.9%
Al <sub>2</sub> O <sub>3</sub> .....	25.6%
Fe <sub>2</sub> O <sub>3</sub> .....	2.5%
CaO.....	0.2%
MgO.....	0.7%
TiO <sub>2</sub> .....	1.5%
Alkali.....	2.6%

TYPICAL PHYSICAL PROPERTIES

P. C. E. ....	20-26
Apparent Porosity.....	13-17%
Modulus of Rupture.....	700-1200psi
Temperature fired to during manufacture =	2100° F (1149° C)
Manufactured to meet ASTM C 27 (Low Duty) and C 1261	
Recommended maximum operating temperature =	1750° F

NOTE: All data subject to reasonable deviation and should not be used as specification.