



## Product Data Sheet – Refractories

June 3, 2011

**Product:** WG Low-duty Firebrick Red  
**Plant:** Alliance  
**Method of Manufacture:** Vacuum Dry Press

### Typical Chemical Analysis:

SiO<sub>2</sub>.....62.2%  
Al<sub>2</sub>O<sub>3</sub>.....26.1%  
Fe<sub>2</sub>O<sub>3</sub>.....4.9%  
TiO<sub>2</sub>.....1.3%  
MgO.....1.3%  
Alkali.....3.9%

### Typical Physical Properties

P.C.E. (min).....13  
Apparent Porosity.....13-17%  
Modulus of Rupture (min).....500 psi  
Temperature fired to during manufacture = 2000°F (1093°C)

Manufactured to meet ASTM C 1261

Recommended maximum operating temperature = 1750°F

**Note:** All data subject to reasonable deviation and should not be used as specification. Sizes are nominal.

Plant:  
1400 South Mahoning Ave.  
Alliance, OH 44601  
P: (330) 823-1610

[www.wgpaver.com](http://www.wgpaver.com)  
Customer Service:  
[cs1@wgpaver.com](mailto:cs1@wgpaver.com)  
[cs2@wgpaver.com](mailto:cs2@wgpaver.com)

Mailing:  
PO Box 2960  
Alliance, OH 44601