



# Brick

## Product Data

### OXILINE H WR

Classification: Burned, Hydration Resistant, Magnesia Brick

<u>Physical Data: (Typical)</u>	<u>English Units</u>	<u>SI Units</u>
	<u>lb/ft<sup>3</sup></u>	<u>kg/m<sup>3</sup></u>
Bulk Density	186	2,930
Apparent Porosity, %	15.6	15.6
	<u>lb/in<sup>2</sup></u>	<u>N/mm<sup>2</sup></u>
Crushing Strength At 70°F (21°C)	6,135	42.3
Modulus of Rupture At 70°F (21°C)	1,798	12.4
Hot Modulus of Rupture At 2800°F (1538°C)	1,030	7.1

Chemical Analysis: (Approximate)  
(Calcined Basis)

Silica	(SiO <sub>2</sub> )	0.6 %
Alumina	(Al <sub>2</sub> O <sub>3</sub> )	0.2
Iron Oxide	(Fe <sub>2</sub> O <sub>3</sub> )	0.3
Boron Oxide	(B <sub>2</sub> O <sub>3</sub> )	0.2
Lime	(CaO)	1.2
Magnesia	(MgO)	96.0

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

RESCO PRODUCTS disclaims any express or implied warranties based on this sheet.

7/15/2010 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet