



PRODUCT DATA

Brand Name: **GUIDON® X**
Description: Magnesite-Chrome Brick, Burned, Fused Grain

Physical properties shown are averages based on standard brick sizes.
ASTM test methods used where applicable

Bulk Density (pcf)

As Received 208 (3.33 g/cm³)

Modulus of Rupture (psi)

At 70°F (21°C) 1680 (118 kg/cm²)

Cold Crushing Strength (psi)

At 70°F (21°C) 11820 (827 kg/cm²)

Apparent Porosity (%)

As Received 13.4

Typical Chemical Analysis (%)

(Calcined Basis)

Magnesia (MgO)	58.3
Chrome Oxide (Cr ₂ O ₃)	22.3
Alumina (Al ₂ O ₃)	6.8
Lime (CaO)	0.6
Iron Oxide (Fe ₂ O ₃)	11.5
Silica (SiO ₂)	0.5

Brand Code: 1780

The properties shown on this data sheet represent typical average results 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.

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