



## PRODUCT DATA

**Brand Name:** PERMANENTE® MORTAR

**Description:** PERMANENTE® MORTAR is a dry, heat setting, high magnesia mortar. This magnesite mortar is designed to lay up basic brick. Ideally suited for use with magnesite or magnesia-carbon brick. This mortar is suggested for working and safety linings in both steel and non-ferrous metals applications.

Physical properties shown are average values of samples taken under controlled conditions  
ASTM test methods used where applicable

**Typical Water Required for Consistency (by weight) :**

Troweling ..... 25%

**Dry Material Required:** Use 450 to 500 lbs. of dry mortar per 1000- 9"x4-1/2"x 2-1/2" (228 mm x 144 mm x 64 mm) straight brick for a 1/16" thick (1.6 mm) brick joint

**Typical Chemical Analysis (%)**

(Calcined Basis)

Magnesia (MgO) .....	95.1
Silica (SiO <sub>2</sub> ) .....	2.1
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ) .....	0.3
Lime (CaO) .....	2.1
Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	0.4

**Standard Packaging:** 55 lb. bag. 72 bags per pallet

Brand Code: 7285

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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