



# PRODUCT DATA

**Brand Name:**

**RESCOSET 80P**

**Description:**

Rescoset 80P is a wet high alumina bonding mortar with improved shelf life. With the unique chemical bonding system, high bonding strength is developed at lower temperatures (300-600°F) and continues until a ceramic bonding occurs. Rescoset 80P is primarily used to lay up high alumina brick and is available in troweling and dipping consistency. It is used in areas where severe service conditions require increased refractoriness and corrosion/erosion resistance.

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

**Maximum Service Temperature: 3200°F (1760°C)**

## Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	81.9
Silica (SiO <sub>2</sub> ) .....	6.5
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ) .....	1.2
Titania (TiO <sub>2</sub> ) .....	3.0
Alkalies (Na <sub>2</sub> O+K <sub>2</sub> O) .....	0.6
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> ) .....	6.8

**Standard Packaging:** 55 lb pail. 48 pails per pallet

**Recommended Storage:** Rescoset 80P should be stored in a dry place between 60°F (15°C) and 80°F (27°C). For best results use within 2 months after manufacture.

Brand Code: 7127

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.

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

03/27/17 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.

One Robinson Plaza - Suite 300, 6600 Steubenville Pike, Pittsburgh, PA, 15205 Phone: 888-283-5505