



## Mortars

### Product Data

#### RESCOSET 80P Mortar

**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.

**Refractoriness:** Passes ASTM C-199 at 3000°F (1650°C)

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

**Bonding Strength (ASTM C198):** 1,560 psi after 2000 °F

**Chemical Analysis (%):**

Al <sub>2</sub> O <sub>3</sub>	81.9
SiO <sub>2</sub>	6.5
TiO <sub>2</sub>	3.0
Fe <sub>2</sub> O <sub>3</sub>	1.2
Alkalies	0.6
P <sub>2</sub> O <sub>5</sub>	6.8

**Screen Sizing:** +35 Mesh (Trace)

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

**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 two months after manufacture.

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.

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