



# PRODUCT DATA

**Brand Name:** EZ EST AZS G

**Description:** EZ EST AZS G is a colloidal-silica bonded gun mix. This product is engineered for short turnaround after placement. The colloidal silica binder must be added at the nozzle. This product also contains an additive to reduce dusting.

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

**Maximum Service Temperature: 2800°F (1540°C)**

<u>Bulk Density (pcf)</u>	<u>Gunned Data</u>	
After 1500°F (815°C)	183	(2.94 g/cm <sup>3</sup> )
<u>Cold Crushing Strength (psi)</u>		
After 1500°F (815°C)	8000	(560 kg/cm <sup>2</sup> )
<u>Permanent Linear Change (%)</u>		
After 1500°F (815°C)	0.0 to -0.3	
<u>Abrasion Loss (using ASTM C-704 Method)</u>		
After 1500°F (815°C)	Less than 10 cc	(Typical)

**Typical Chemical Analysis (%)**  
(Calcined Basis including Liquid Binder)

Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	54.4
Silica (SiO <sub>2</sub> ) .....	24.6
Titania (TiO <sub>2</sub> ) .....	0.7
Lime (CaO) .....	0.3
Zirconia (ZrO <sub>2</sub> ) .....	17.6
Alkalis (Na <sub>2</sub> O+K <sub>2</sub> O) .....	1.5

**Standard Packaging:** 55 lb bag. 72 bags per pallet. Bulk packaging available.  
Binder: 55 gallon drum, 265 gallon plastic totes

Brand Code: 4040 (Brand Code for EZ ADD Liquid is 8869)

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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