



PRODUCT DATA

Brand Name:

EZ EST AZS PC

Description: This product is a colloidal silica-bonded monolithic. It requires an additional component to be added to properly be installed. This product can be installed by casting, pumping, or shotcreting methods.

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)

Bulk Density (pcf)

After 1500°F (815°C) :

Pump Cast Data

183 (2.94 g/cm³)

Cold Crushing Strength (psi)

After 1500°F (815°C) :

10000 (700 kg/cm²)

Permanent Linear Change (%)

After 1500°F (815°C) :

0.0 to -0.3

Erosion Loss (ASTM C-704 Method)

After 1500°F (815°C):

Less than 8 cc (Typical)

Typical Chemical Analysis (%)

(Calcined Basis including Liquid Binder)

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

Standard Packaging: Dry Material: 55 lb bag. 72 bags per pallet. Bulk packaging available.

Binder: 55 gallon drum, 265 gallon plastic totes

Brand Code: 4041 (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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01/03/17 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.

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