



# PRODUCT DATA

**Brand Name:**

## QUIKTURN AZS G

**Description:** QUIKTURN AZS G is a low cement gun mix that contains a AZS-based (alumina-zirconia-silica) aggregate. This unique gun mix was formulated for cement preheater towers that require an abrasion-resistant gun mix that can resist dust buildup. After the final set, this unique gun mix can be heated without the traditional ramp-and-hold heating schedule. **A water booster pump is recommended for proper installation.**

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

**Maximum Service Temperature: 2800°F (1538°C)**

	Gunned Data	
<b><u>Bulk Density (pcf)</u></b>		
After 220°F (105°C)	154	(2.46 g/cm <sup>3</sup> )
After 1500°F (815°C)	152	(2.43 g/cm <sup>3</sup> )
<b><u>Cold Crushing Strength (psi)</u></b>		
After 1500°F (815°C)	11000	(770 kg/cm <sup>2</sup> )
<b><u>Permanent Linear Change (%)</u></b>		
After 1500°F (815°C)	-0.4 to 0.0	
<b><u>Erosion Loss (using ASTM C-704)</u></b>		
After 1500°F (815°C)	8 cc	
<b><u>Typical Chemical Analysis (%)</u></b>		
<b>(Calcined Basis)</b>		
Silicon Carbide (SiC) .....	5.0	
Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	47.8	
Silica (SiO <sub>2</sub> ) .....	25.0	
Lime (CaO) .....	1.2	
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ) .....	0.4	
Titania (TiO <sub>2</sub> ) .....	0.4	
Zirconia (ZrO <sub>2</sub> ) .....	19.9	
Alkalies (Na <sub>2</sub> O+K <sub>2</sub> O) .....	0.3	

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

Brand Code: 8581

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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