



40 YEARS OF PERFORMANCE DESIGNED SOLUTIONS

## CONTRACTOR "ALL-STARS"

*Among the hundreds of United specialty products, a few brands stand out as everyday problem solvers.*

### GUN MIXES

Product	Al <sub>2</sub> O <sub>3</sub> (%)	CaO(%)	Features
UNI-GUN RF-50 RG	51.5	2.8	High-tech, low cement, Rapid Fire gun mixes with dust suppressants that can be veneered with excellent properties and great gunnability. Made with an ISO 9001 certified manufacturing process, the RF-RG mixes deliver excellent consistency and proven performance. These products are also available with additives for aluminum and cement applications.
UNI-GUN RF-60 RG	58.9	2.8	
UNI-GUN RF-70 RG	69.7	2.9	
UNI-GUN RF-FS RG	69.0(SiO <sub>2</sub> )	2.2	
UNI-GUN RF-80SC RG	78.4(SiC)	2.7	

### EXTREME ABRASION RESISTANCE

Product	C704(cc)	Features
UNI-BRADE AR-85	<3.0 packed <7.0 gunned	High strength, extremely abrasion resistant products for hand packed, gunned, pumped and vibcast applications. UNI-BRADE AR-85 has proven to be a problem solver in various CFB, MPI and foundry applications.
UNI-BRADE AR-P8	<5.0 cast (vibcast/pump)	
UNI-BRADE AR-VC8	<5.0 cast (vibcast/precast)	

### CAST/PUMP/SHOTCRETE

Product	Al <sub>2</sub> O <sub>3</sub> (%)	CaO(%)	Features
UNI-PUMP 45*	50.4	3.0	Low cement composition used extensively in industrial projects.
UNI-PUMP 60*	59.0	2.0	Low cement, 60% Al <sub>2</sub> O <sub>3</sub> used in many applications including CFBs and torpedo cars.
UNI-PUMP 60Z*	56.1	2.5	Mullite based, low cement product with zirconia addition to minimize alkali penetration.
UNI-PUMP 80SC*	74.6(SiC)	1.9	High SiC, low cement product for incinerator and cement applications.
UNI-PUMP AZ-SC*	50.2	20.9(ZrO <sub>2</sub> )	Fused grain alumina-zirconia, low cement product with SiC addition to minimize alkali attack and maximize abrasion resistance.

\*All available with Rapid Fire Technology in CAST, PUMP, and SHOTCRETE compositions.

### PLASTICS

Product	Al <sub>2</sub> O <sub>3</sub> (%)	Features
UNI-RAM BLU J	67.5	With performance equal/better than "Brand X," BLU J is available in various compositions, workabilities and with SS needles.
UNI-RAM 85HS	80.6	An 80% Al <sub>2</sub> O <sub>3</sub> , user friendly phos-bonded product for many industrial applications.
UNI-RAM 85 ESSA	74.9	Made especially for aluminum contact, recent customer said, "I am impressed with your ability to respond and fill a large order with quality product on short notice."

## UNITED DELIVERS...

- Consistent Quality (ISO 9001: 2008 Std.)
- "Easy to Deal With" Customer Service/Management
- Customized Compositions and Workabilities
- "Overnight" Response Times/Outstanding Flexibility

