



MT. SAVAGE SPECIALTY REFRACTORIES COMPANY

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ULTRA-TEK CASTABLES & SHOTCRETES

Mt. Savage Specialty Refractories' ULTRA-TEK family of castable/shotcrete mixes are the most user friendly in the industry. Our Curwensville, PA and Mt. Savage, MD plants manufacture over 15,000 tons a year of castable and shotcrete mixes for a variety of industries.

Designed as true self-leveling castables, ULTRA-TEK castable/shotcrete mixes are easy to pump at low water levels. The patented "ULTRA-SET" activator is designed especially to both gel and quickly set the cement bond in the castable when shotcreted. This allows Mt. Savage to supply materials with very long working times, which allows for moving of equipment, lunch breaks, etc.

Commitment to Excellence

Mt. Savage Specialty Refractories' quality assurance department evaluates every batch of ULTRA-TEK produced to ensure it will mix, pump and cast/shotcrete as expected. Thousands of tons of ULTRA-TEK castable/shotcrete mixes are shipped all over the world every year for installation without issue.

ULTRA-TEK Castables

ULTRA-TEK castables can be easily pumped and placed in a self-leveling consistency at very low water content, and can be vibration cast at even lower water.

ULTRA-TEK UL Castables

ULTRA-TEK UL castables embody the same characteristics of the standard ULTRA-TEK castables, but at Ultra-Low cement levels. Their lower cement contents give ULTRA-TEK UL castables outstanding hot strengths.

ULTRA-TEK VC Castables

These mixes are specifically designed to be installed with the aid of vibrators, which is easy to do in a precast shop. At the recommended water levels the product takes on a full bodied casting consistency that will need vibration to place. ULTRA-TEK VC castables have been placed successfully using either external form vibrators or internal pencil type vibrators. Properties for these materials are generally superior to the standard ULTRA-TEK products as they are installed with the aid of vibration.

ULTRA-TEK ShotCRETES

Most ULTRA-TEK and ULTRA-TEK UL castables can be shotcreted using our patented ULTRA-SET activator. Shotcreted material has approximately 90% of the physical properties of cast in place, and can be installed without forms, extremely low rebound and virtually no dust.

ULTRA-TEK Castables & ShotCRETES

	Low Cement	Ultra-Low Cement
Fire Clay	ULTRA-TEK 45	
50% Alumina	ULTRA-TEK 50 ULTRA-TEK 50 ALK	
60% Alumina	ULTRA-TEK 60 ULTRA-TEK 60 AL ULTRA-TEK 60 ALK ULTRA-TEK 65 ULTRA-TEK 65 ALC	ULTRA-TEK 60 ULC ULTRA-TEK 65 UL
70% Alumina	ULTRA-TEK 70 ULTRA-TEK 70 AL	ULTRA-TEK 70 UL ULTRA-TEK 70 ULC
80% Alumina	ULTRA-TEK 80 AL	ULTRA-TEK 80 UL ULTRA-TEK 85 UL ULTRA-TEK 85 ULC ULTRA-TEK 87 UL
>90% Alumina	ULTRA-TEK 93 ULTRA-TEK 97 SP ULTRA-TEK 98	ULTRA-TEK 93 UL ULTRA-TEK 95 UL
Fused Silica	ULTRA-TEK FS ULTRA-TEK FS AL	

ULTRA-TEK products are available in both casting & shotcreting varieties. Consult your Mt. Savage Specialty Refractories Representative for assistance.



Manufacturing
Refractory Materials

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