

Mt. Savage Specialty Refractories

DELTA t CRETE Castables, Gun Mixes & Shotcretes

Features

Wide Range of Densities &
Temperature Ratings

Casting & Gunning
Varieties Available

Pumpable and Shotcretable
Lightweights

Mt. Savage Specialty Refractories carries the most complete and versatile line of lightweight insulating castables and gun mixes in the industry. Many DELTA t CRETES can even be pumped or shotcreted.

DELTA t CRETE products with temperature ratings from 1600 to 3300°F and densities from 25 to 110 lbs/ft³ ensure that Mt. Savage has the right insulating castable to improve the operating efficiency and safety for your most demanding high temperature applications.

Applications

Aluminum

Steel

Foundries

Cement

Power

Forging

	Hot Face Temp (°F)	Cold Face Temp (°F)	Heat Loss (BTU/ft ² /hr)
6" 60% Alumina LCC 2" DELTA t CRETE 20-35	2000	313	724
6" 60% Alumina LCC 2" DELTA t CRETE 25	2000	345	872
6" 60% Alumina LCC 2" DELTA t CRETE 26-M	2000	390	1103
6" 60% Alumina LCC	2000	564	2302

The Effect of different density insulating castables on shell temperatures and heat loss.



MT. SAVAGE
SPECIALTY REFRACTORIES

*Manufacturing
Refractory Materials*

call toll free: (800) 437-6777
email: info@mtsavage.com

DELTA t CRETE

Insulating Castables, Gun Mixes & Shotcretes

	Max Service Temperature	Density (lbs/ft ³)	Thermal Conductivity (BTU/ft ² /hr/°F/in)		
			@ 500 F	@ 1000 F	@ 1500 F
DELTA t CRETE BLOCK MIX	1600°F	25	0.51	0.73	--
DELTA t CRETE 18	1800°F	52	1.3	1.4	1.6
DELTA t CRETE 20-35	2000°F	35	1.0	1.2	1.4
DELTA t CRETE 20-LI	2000°F	38	1.0	1.2	1.4
DELTA t CRETE 20	2000°F	56	1.4	1.5	1.7
DELTA t CRETE 20-M	2100°F	67	2.1	2.3	2.7
DELTA t CRETE 22-LI	2200°F	51	1.3	1.7	2.0
DELTA t CRETE 22	2200°F	60	1.4	1.7	1.9
DELTA t CRETE 23-M	2300°F	80	2.3	2.5	2.8
DELTA t CRETE 23-M-LI	2300°F	76	2.1	2.4	2.7
DELTA t CRETE 23 ES P	2300°F	60	1.5	1.8	1.9
DELTA t CRETE 25	2500°F	54	1.4	1.9	2.3
DELTA t CRETE 26 ES P	2600°F	63	1.9	2.3	2.6
DELTA t CRETE 26-LI	2600°F	54	1.4	1.9	2.3
DELTA t CRETE 26-M	2600°F	81	2.4	2.6	3.0
DELTA t CRETE 28	2800°F	89	3.1	3.6	4.8
DELTA t CRETE 28 P	2800°F	87	3.1	3.6	4.8
DELTA t CRETE 28-110 ES	2800°F	110	5.5	5.7	5.8
DELTA t CRETE 30	3000°F	91	3.0	3.6	5.8
DELTA t CRETE 33	3300°F	98	6.1	5.0	5.2