



MT. SAVAGE SPECIALTY REFRACTORIES COMPANY

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Black Jack Silicon Carbide Refractories

Lady Luck has nothing to do with it. **BLACK JACK** Silicon Carbide refractories from Mt. Savage Specialty Refractories have the strength and abrasion resistance to stand up to whatever abuse they are... ummm...DEALT!!!

Castable/Shotcrete

BLACK JACK castables and shotcretes come in silicon carbide contents of 15 to 87% SiC. All of these products can be pumped or shotcreted at low water levels providing excellent strength and erosion resistance at temperature.

Silicon carbide offers many significant advantages for refractory performance. At low SiC levels, such as BLACK JACK 15, the SiC offers excellent erosion and alkali resistance. At higher levels, such as the standard, BLACK JACK (87% SiC) very high thermal conductivity.

Silicon carbide contents between these extremes, like BLACK JACK 30 and BLACK JACK 50, offer users various combinations of erosion and alkali resistance and thermal conductivity.

Low Cement Gun Mix

Available with silicon carbide contents from 15 to 83%, BLACK JACK gunning mixes gun very consistently with very low rebound. Just like their castable and shotcrete counterparts, BLACK JACK gunning mixes offer an excellent range of erosion, alkali resistance, and thermal conductivity to meet the needs of a variety of demanding environments.



Phosphate Bonded Plastic

BLACK JACK plastics are available from 30 to 80% silicon carbide. They ram with ease, have exceptional cohesiveness, and have excellent shelf life. In service, BLACK JACK plastics provide excellent erosion resistance and high thermal conductivity.

BLACK JACK
Castables &
Shotcretes

BLACK JACK 15
BLACK JACK 30
BLACK JACK 50
BLACK JACK 60
BLACK JACK

BLACK JACK
Gun Mixes

BLACK JACK 15 GM
BLACK JACK 30 GM
BLACK JACK 50 GM
BLACK JACK 75 GM
BLACK JACK GM

BLACK JACK
Plastics

BLACK JACK RAM 30
BLACK JACK RAM 80