

# Mt. Savage Specialty Refractories

## ***BLACK JACK***

Silicon Carbide offers a wide range of benefits for refractory applications.

- ◆ Abrasion Resistance
- ◆ Erosion Resistance
- ◆ Alkali Resistance
- ◆ High Thermal Conductivity

Mt. Savage's BLACK JACK family of low cement bonded castables, gun mixes and phosphate bonded plastics, are available in a range of silicon carbide contents from 15 to 87%, to provide numerous benefits. At low levels, SiC offers great alkali and erosion resistance. Higher levels offer enhanced abrasion resistance and have very high thermal conductivity.



BLACK JACK RAM 80 plastic rammed in the burners of a coal fired boiler.

### Features

High Thermal Conductivity  
Erosion Resistant  
Excellent Abrasion Resistance  
Outstanding Alkali Resistance

### Applications

Cement Preheaters  
Aluminum Furnaces  
Power Plants  
Steel Foundries