

BLACK JACK BOND 80 C
CEMENT BONDED, SILICON CARBIDE MORTAR

PHYSICAL PROPERTIES

Maximum Service Temperature	2600°F
Approximate Amount Required per 1000 - 9" Brick	
Troweled Joints	550 – 750 lbs.
Dipped Joints	350 – 550 lbs.

BLACK JACK BOND 80 C is an 80% silicon carbide cement bonded mortar designed for use as a coating or for laying silicon carbide brick. Upon setting BLACK JACK BOND 80 C develops an insoluble bond and is suitable for applications where exposure to water is likely.

BLACK JACK BOND 80 C is shipped dry in paper sacks ready for mixing with water.

CHEMICAL ANALYSIS

Silicon Carbide	[SiC]	79.8%
Alumina	[Al ₂ O ₃]	11.0%
Silica	[SiO ₂]	4.2%
Iron Oxide	[Fe ₂ O ₃]	0.1%
Lime	[CaO]	4.4%
Other		0.5%

NOTE: All data subject to reasonable deviation and should not be used for specification purposes.

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