

IRON

REFRACTORY SOLUTIONS

SN20SC

Nitride Bonded SiC Brick

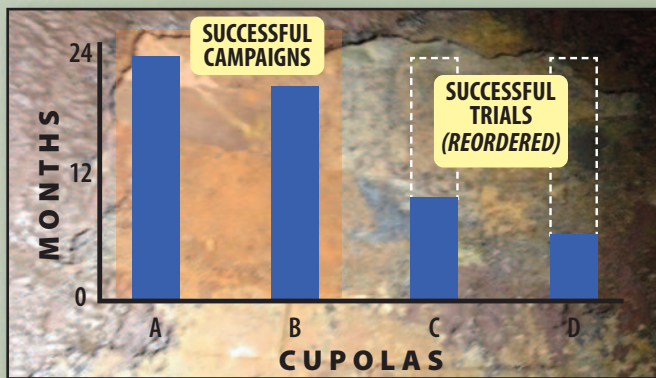
PRODUCT:

- Superior Oxidation and Slag Resistance
- Excellent Heat Transfer
- Exceptional Quality & Sizing
- Exclusively Available Through **URC/SFP**



EXPERIENCE/PERFORMANCE:

More foundries have successfully run **SN20SC** than any other Nitride Bonded SiC Brick!



CUPOLA A

	Standard Practice (85% Al ₂ O ₃ Brick)	SN20SC (6" RKB)
Gunning Maintenance	Every 2 Weeks	None
Time between major repairs	6 months	24 months (& counting)

CUPOLA B

	Standard Practice (85% Al ₂ O ₃ Brick)	SN20SC (6" RKB)
Gunning Maintenance	Every 2 Weeks	None
Time between major repairs	3–4 months	20 months (& counting)

Area	Annual Reduction	Potential Annual \$ Savings
Coke	5% Reduction (Conservative)	\$648,000
Refractory Maintenance Material (Melt & Stack)	~200,000 lbs	\$120,000
TOTAL SAVINGS		\$768,000

DELIVERED SAVINGS:

Based on current performances, a lined cupola using **SN20SC** in the stack and melt zone could produce exceptional savings for the melt shop...