



RENO REFRACTORIES, INC

RENO ROCK SCS

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TECHNICAL DATA SHEET

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**RENO ROCK SCS** is a resin bonded plastic containing very high levels of silicon carbide and carbon. Resistant to the chemical attack by corrosive slags.

**RENO ROCK SCS** was developed to be used in the rear slagging cupola tap holes and slag troughs.

**SERVICE TEMPERATURE:** 3000°F  
**MATERIAL REQUIRED FOR ESTIMATING:** 160 lbs./cu. ft.

**TYPICAL CHEMICAL ANALYSIS** (Reducing Conditions)

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	CaO	SiC + C	Alkalies	Other
16.2	5.5	0.2	0.1	Nil	72.8	Nil	5.2

**TYPICAL PHYSICAL PROPERTIES** (Reducing conditions above 250°F)

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	830	3,760	+0.02
1500	1,520	1,390	+0.00
2000	2,160	1,260	+0.02
2500	730	2,260	+0.01
2750	844	1,650	+0.00

**PACKAGING:** 55 lb. Boxes, 60 per Pallet (3300 lbs.)

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The data presented represents typical average results obtained by testing under ASTM or other acceptable procedures as required. They are subject to normal variations and should not be used for specification purposes.

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