

Sicabond D-Opt®

Silicon Carbide Mortar
A dry granular base mortar

		Typical Value	Standard Deviation
Bulk Density:	 kg/m ³	2200	
Max. service temp.:	 °C °F	1350 2462	
Time of application after mixing:	 hours	4	
Setting time before ramming	 hours	4	
Thermal Conductivity: ISO 8894-2	@ 200°C.....	7.0	
	@ 400°C.....	7.0	
	@ 600°C.....	7.5	
	@ 800°C.....	7.2	
	@ 1000°C	7.0	
	W/(m·K)		
Size distribution:	> 0.5 mm %	0.1	±0.05
	< 0.074 mm %	58.0	± 3.0
Adhesive Strength after Heating:	35°C (65°F) for 4 h MPa	0.6	± 0.2
	110°C (230°F) for 24 h MPa	3.8	± 0.6
	1000°C (1832°F) for 3 h MPa	7.6	± 1.2
Chemical Analysis:	SiC..... %	85.7	± 1.0
	SiO ₂ %	5.5	± 1.0
	Al ₂ O ₃ %	3.2	± 0.3
	Fe ₂ O ₃ %	0.3	± 0.1
Shelf life:	max. months		12
Storage:			dry condition

HS Tariff Number: 3816002000
(Harmonized Commodity Description and Coding System)

Packing: - In double plastic bags and 1 fibre bag containing 25 kilos
- 1 wooden case contains 40 bags = 1,000 kilos net

Sicabond D-Opt mortar is ideal for laying bricks and filling cavities in aluminium cathodes.

Also excellent for filling voids in carbon block sidewalls caused by oxidation.

simonsen a/s

Møgelvangs Plads 7
DK-7900 Nykøbing Mors
DANMARK

Tel: Int. +45 9669 1300
e-mail: simonsen@simonsen.eu
WebSite: www.simonsen.eu



Producer:

LIRR

**SINOSTEEL LUOYANG INSTITUTE OF
REFRACTORIES RESEARCH CO., Ltd.**

Luoyang, Henan Province
P.R. of China

**An ISO 9001, ISO-14001:2004 and OHSAS
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