

OUR VALUABLE BUSINESS PARTNER



ADROIT INTERNATIONAL

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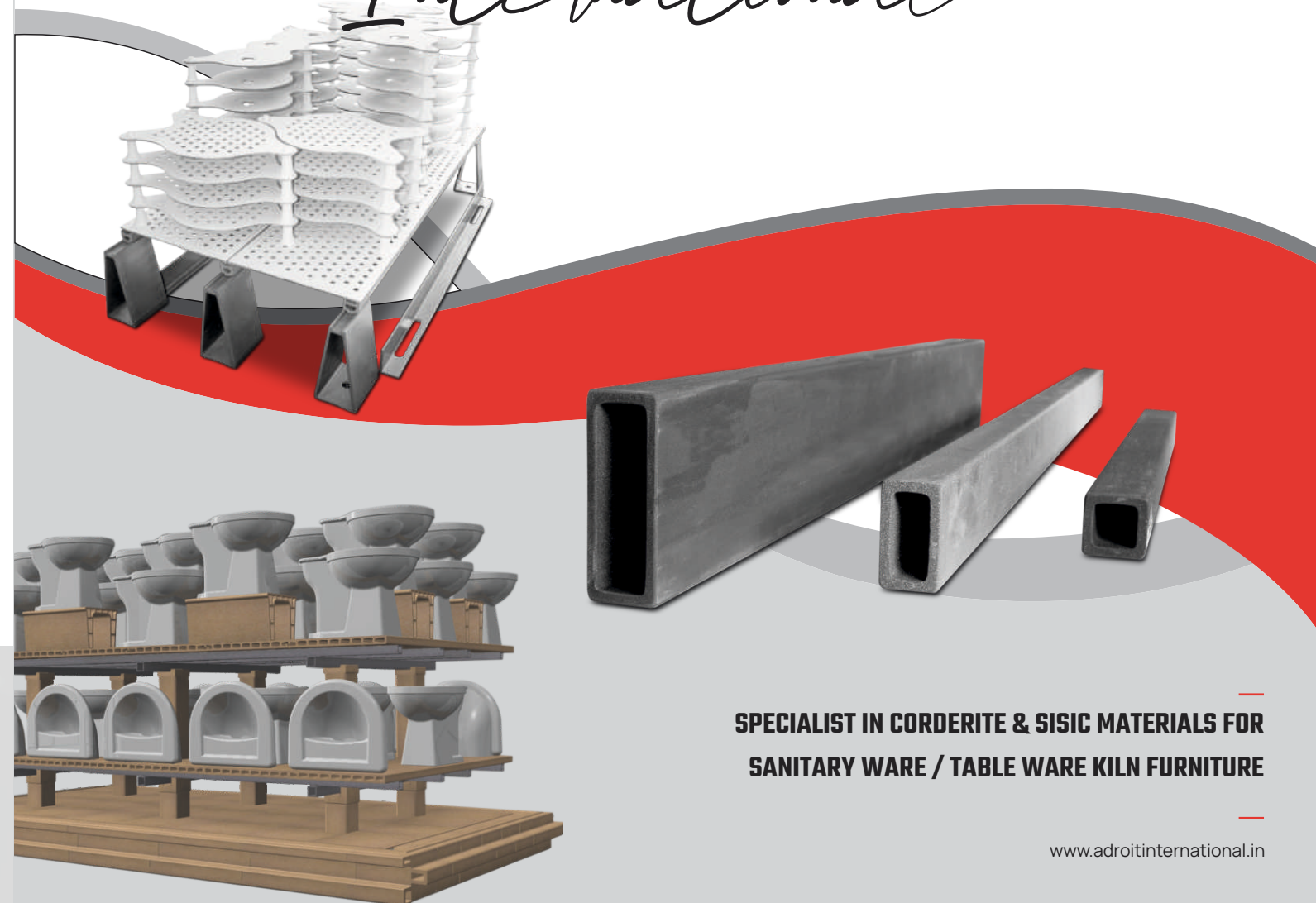
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International



**SPECIALIST IN CORDERITE & SISIC MATERIALS FOR
SANITARY WARE / TABLE WARE KILN FURNITURE**

www.adroitinternational.in

COMPANY PROFILE

Company History

- Began importing refractory products in 2020
- Evolved to offer sustainable refractory products

Product Range

- Energy-saving refractory products for:
- Sanitary ware industry
- Tableware industry
- Insulator manufacturing industry

Company Values

- Cooperative and friendly work atmosphere
- Customer-oriented philosophy

Key Takeaways

- Adroit International is a refractory product trading firm.
- They prioritize sustainability, energy efficiency, and customer satisfaction.
- They strive for a collaborative work environment.



VISION

To become a global leader and trustful supplier of energy-saving refractory products worldwide.

MISSION

1. One-stop solution for refractory products.
2. Customized solutions for maximum production at minimal cost.
3. Continuous addition of energy-saving products based on customer feedback.
4. Best pre- and post-sales service.
5. World-class products from renowned companies like Imerys Kiln Furniture (Spain) and Grindwell Norton (Saint-Gobain, India).

Adroit International seems to specialize in refractory materials, particularly:

Cordierite and SiSiC (Silicon Carbide) Materials Applications

1. **Sanitary Ware Kiln Furniture:** For manufacturing ceramic sanitary products, such as toilets, sinks, and bathroom fixtures.
2. **Table Ware Kiln Furniture:** For producing ceramic tableware, like plates, bowls, and cups.

Benefits

1. High-temperature resistance
2. Thermal shock resistance
3. Improved kiln efficiency
4. Enhanced product quality
5. Increased energy savings

By focusing on these specialized materials, Adroit International can provide tailored solutions for sanitary ware manufacturers, helping them optimize their kiln operations and produce high-quality products.

World Best company' products - Imerys Kiln Furniture - Spain.

Quality

Commitment to providing world-class refractory products and services that meet national and international standards, ensuring:

1. Long-performing kiln furniture.
2. High-quality firing pieces..
3. Reduced firing costs.

This document outlines Adroit International's goals, values, and commitment to quality, showcasing their dedication to becoming a trusted global supplier of energy-saving refractory products.

IMERYS KILN FURNITURE - SPAIN (SOLO DISTRIBUTORS)

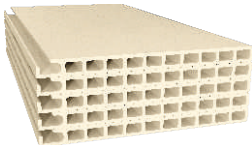


CORDIERITE MULLITE BATTS

Standard Batts



Single Lock Batts



Double Lock Batts

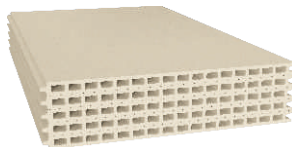


KILN SUPER STRUCTURE

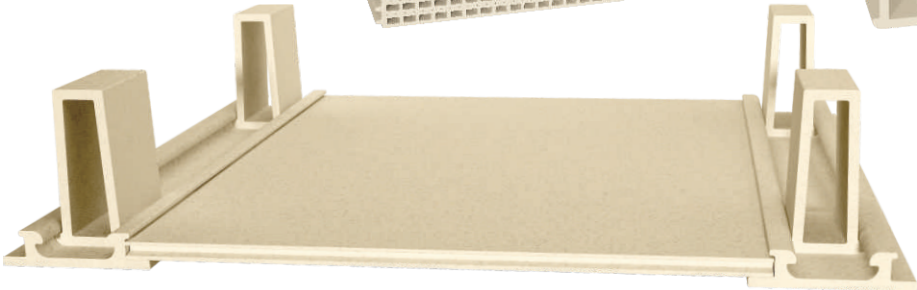
Roof Rail



Roof Extruded Batts



Roof holder (support)



CAR STRUCTURE

Casted Corner, Extruded Perimeter Block



A



A



B



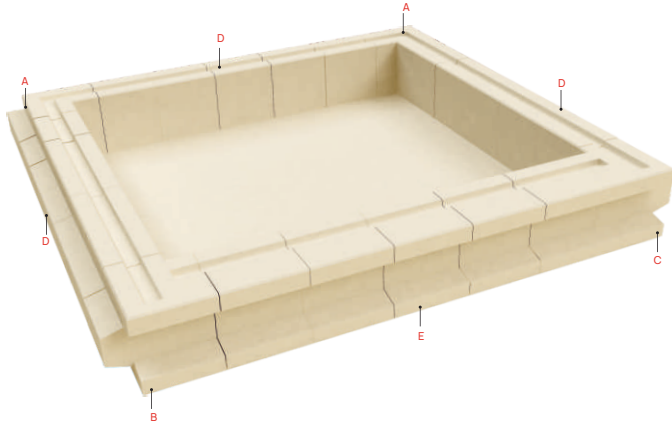
C



D

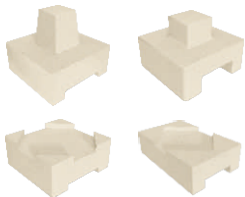


E



CORDIERITE / EXTRUDED PROPS

Cap



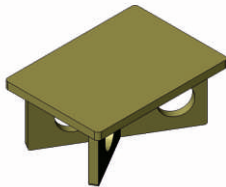
Pillar (Square Tube)



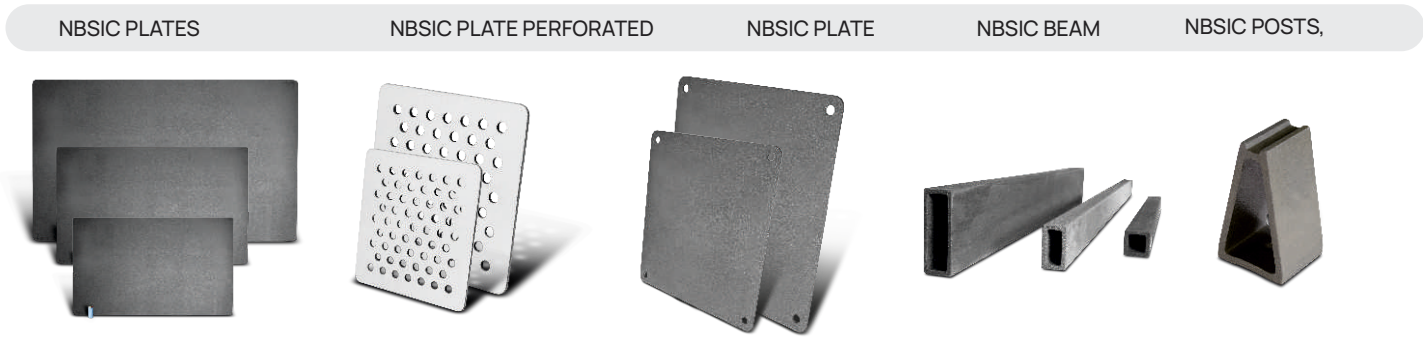
Splicer



E.W.C. STOOL



NBSIC PRODUCTS PHOTO



BEAM & PROFILE BEAM



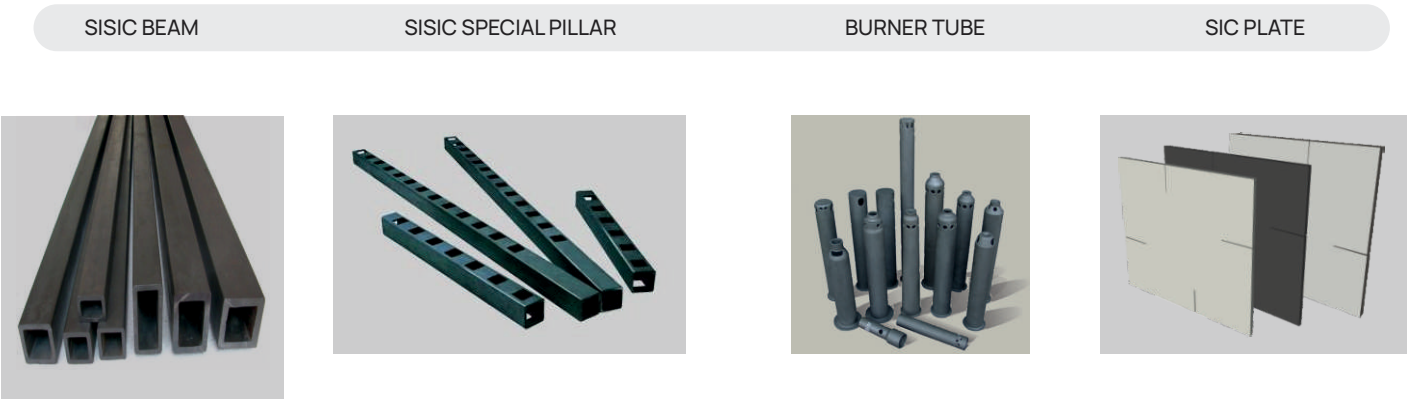
Technical Data Sheet

Item	RSiC	NSiC	SiSiC/RBSiC	OSiC
Full Name	Recrystallized Silicon Carbide	Nitride Bonded Silicon Carbide	Reaction Bonded Sintered Silicon Carbide	Oxide Bonded Silicon Carbide
Color	Dark gray with crystal light	Gray	Dark gray	Black
Max Working Temperature (°C)	1650	1450	1380	1400
Bulk Density (g/cm3)	2.72	2.8	3.02	2.7-2.8
Porosity (%)	≤17	12-15	<0.1	≤15
Compression Strength (Mpa)	600	650	160	>90
Bending Strength (Mpa)	90	180	250	>45
Young's Modulus (Gpa)	250	200-250	300	---
Thermal Conductivity (W/MK)	23	17	45	14
Thermal Expansion 20-1000 °C (10-6K-1)	4.7	5.0	4.5	4.8
Moh's Hardness	9.5	9	9.66	---
SiC (%) Si3N4 (%)	99.5	70-80 20-30	85	≥85

IMPORTED SiSiC / OSiC/ RSiC PRODUCT



SiSiC MATERIAL



MULTI DECK SPECIAL TROLLEY OF SiC / SiSiC / OSiC MATERIALS



CORDIERITE DOUBLE DECK TROLLEY VANITY BASIN SiSiC SPECIAL TROLLEY TABLE TOP BASIN SiSiC SPECIAL TROLLEY TABLE WARE SiSiC SPECIAL TROLLEY



SiSiC MATERIALS ADVANTAGES

- Excellent Energy Saving.
- Lighter Weight and Higher Load Capacity.
- High Thermal Conductivity.
- Excellent Distortion Resistance at High Temperature.
- Low Thermal Expansion coefficient.
- Extremely High Hardness.
- Wear Resistant

IMPORTED REPAIRING MATERIALS FOR SANITARY WARE



A-B SOIL BODY MATCH ADHESIVE



A-B TUBE FOR GLAZE REPAIR



SPRAY FOR GLAZED & BODY



A-B TUBE FOR GLAZE REPAIR



CHOCOLATE - WHITE PORCELAIN CLAY
- CRACK REPAIR ADHESIVE FOR GLAZE



CHOCOLATE - SOIL PORCELAIN CLAY
- CRACK REPAIR ADHESIVE FOR BODY



FINISHING ROLL PHOTO
(40/60/80/100 MSH)



GREEN DUSTER



IMPORTED LASER POINTER



IMPORTED DRILLING MACHINE FOR
CLEARING IMPURITY ON GLAZE



MACHINERY FOR SANITARY WARE



DIAPHRAGM PUMP

S10-1" - 170 LPM
S20-2" - 750 LPM
S30-3" - 1079 LPM



VIBRATING SIEVE
(For Glaze and Slup)

1200mm - 0.75kw 800mm - 0.55kw
1000mm - 0.75kw



VIBRATING SIEVE
(Combine With Pump)

1200mm - 0.75kw 800mm - 0.55kw
1000mm - 0.75kw 600mm - 0.5kw
Megnet 10Pcs



IRON REMOVER
(For Glaze and Slip)

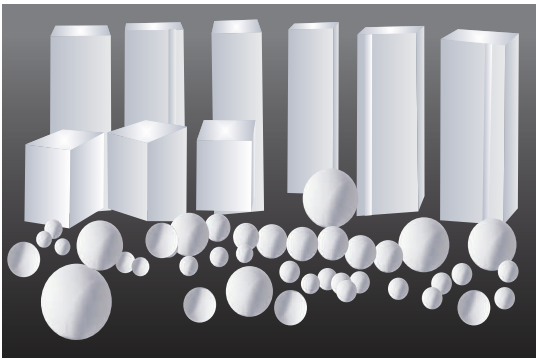
JD MQN 2 - 1.3 - 3-5 T/h
JD MQN 4 - 1.5kw - 12-80 T/h



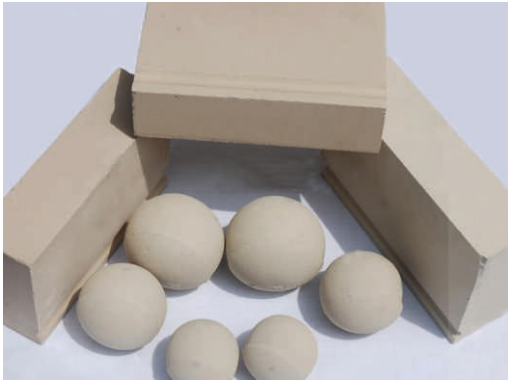
GLAZE PUMP
- VERTICLE

OTHER RAW MATERIALS

92% ALUMINA BALLS & LINING



68% ALUMINA BALLS & LINING



IMERYS' BODY CLIMATE CONTROL KAOLIN.



IMERYS' BODY BALL CLAY WITH HIGH PLASTICITY



IMERYS' GLAZE HIGH WHITENESS KAOLIN

