



Alumina Ceramic Division

Alumina92™



An ISO 9001-2008 Company

About US

Fiction, wear, and erosion are major issues, resulting in major costs to businesses operating in the Power Generation, Cement Plants, Mineral Processing and other engineering industries. BMW uses its core strengths of custom engineering, materials expertise, operational excellence, and rapid execution, to help customers develop amazing solution to their toughest technical challenges. With the support of excellent manufacturing infrastructure, experienced engineers, technicians and staff, BMW has to its credit developed many proprietary equipments like

Variable Orifices, coal Rope Breaker system for coal piping and any more.

Effectiveness of our material for wear resistance has been tested in actual use, at various power plants and other industries including NTPC, BHEL, Alstom, Doosan, Veanta, Tata Power and many more. Our wear protection capabilities have been evaluated and successfully established for wear and erosion resistance in laboratories like CSIR, Labs too. BMW products have been proved second to none in the industry.

Our Product Range

• Wear Resistant Lining

- Alumina Ceramic Liner and Grinding Media (ALUMINA92TM)
- Cast Basalt Cylinders and Tiles (BASALT450TM)
- Chemically Bonded Lining (Wear Seal CBCTM)
- Alumina Based Wear SealTM Series of Mortar, Putty & Liners
 - Wear SealTM Diamond
 - Wear SealTM CBC
 - Wear SealTM Mortar
- Fabrication for Lined equipment

• Wear Resistant Iron Casting

- Ni-Hard
- Hi-Chrome
- Manganese Steel

• Pipe Connection Coupling System

- Grooved Coupling
- Slip on Type Coupling
- Quick Release Coupling
- Flexible Coupling



Production Capacity ...

BMW Steels Ltd. has a daily capacity to produce 7 MT Alumina ceramic, 25 MT Cast Basalt, 10 MT CBC Linings & 10 MT Castings. Lining/Coating can be in any quantity/shape for wear resistance.

Industries we serve...

- Power Plants
- Cement Plants
- Mining Industry
- Paper Pulp Industry

- Ceramic Industry
- Fertilizer Industry
- Mineral Processing Units
- Construction Industry

Product Range

Alumina Ceramic - Alumina92™ Liners and Grinding Media

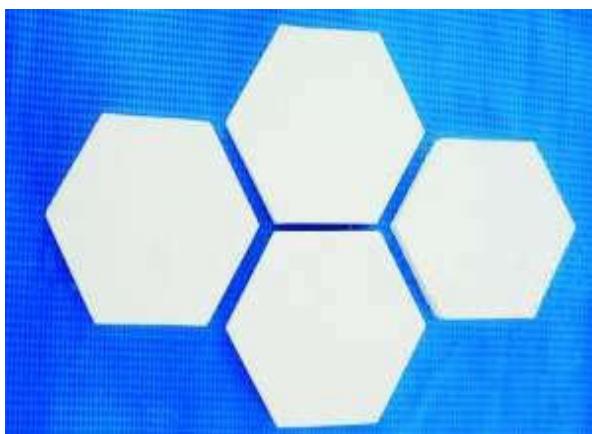
Wedge shaped liners



Wedge Type Liner Fitment (Alumina Bend)



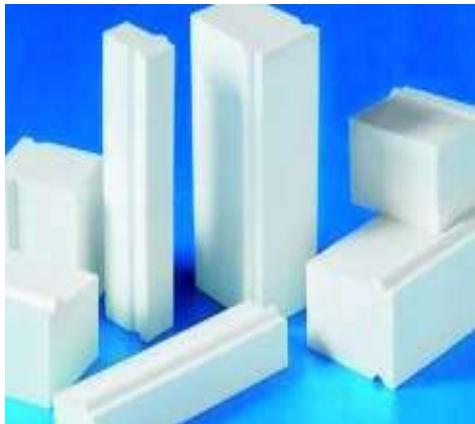
Pastable Liner (Hexagonal Liner)



Weldable Liners



Ball Mill Liners



Pastable Liner



Pastable Liner (Fitment)



Product Range

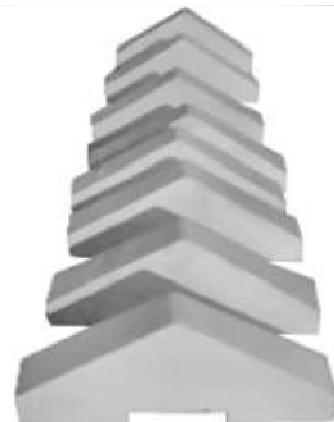
Alumina Ceramic - Alumina92™ Liners and Grinding Media (...continued)



Grinding Media Balls and Cylpebs



Cylinder Liners

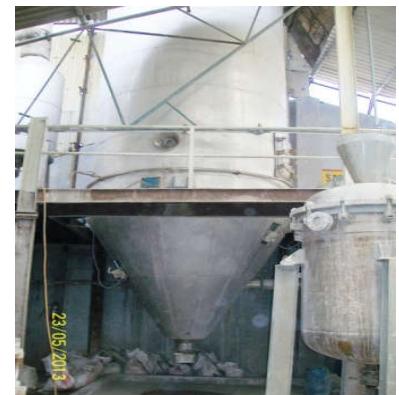


Orifice Liners

Manufacturing Capabilities

Unit-II: Alumina Ceramic Division- Khurja (U.P.)

Production Capacity 7 Tons/day



Hydraulic Presses - 100 MT and 200 MT

CNC Hydraulic Press - 2 (500MT)

Spray Drier Capacity - 500 Kg/Hour



Cylpebs Making Presses

Shuttle Furnace suitable for 1520°C - Capacity - 1.5 MT/Batch



Ball Mill Capacity 3 MT/ Batch

**Tunnel Furnace (suitable for 1600°C)
Capacity - 300 Kg/Hour**

Lab Muffle Furnace

Testing Facilities



TESTING Laboratory



Magnetic Particle Testing Machine



Ultrasonic Hardness Tester



Ultrasonic Thickness Guage



Density Testing Apparatus

Testing Facilities



Hardness Testing Machine



Hydraulic Test Pump



Water Absorption Test



Flexural Strength Test



XRF Test



Compressive Strength Test



Deep Abrasion Test

Our Prestigious Clients

Power Plants



Steel Plants



EPC



Cement Plants



Mineral Processing Units



Fertilizers



Aluminum Plants



Head Office

BMW Steels Ltd.
Shiv Ganga Industrial Estate,
Lakeshwari, Bhagwanpur,
Roorkee, Haridwar, (U.K.) -
247661

Marketing Office

BMW Steels Ltd.
705, 7th Floor, RG Trade Tower
B-7 Netaji Subhash Place
Pitam Pura
New Delhi - 110 034

Corporate Office

BMW Steels Ltd.
32/49, Teg Bahadur Road,
Lane#4, Dalanwala,
Dehradun-248001
Uttarakhand (India)

www.bmwsteels.com

www.bmwsteels.co.in