



"Explore Excellence: Rudra Refractory -
Your Ultimate solution for Neutral
Ramming Mass And Basic Ramming Mass"

RUDRA REFRACTECH

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www.rarerefractory.com

Contact Us

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BASIC RAMMING MASS

Elevate Your Refractory Experience with Basic Ramming Mass: Unleash the Power of Magnesia (MgO 89.52%) and Alumina (Al₂O₃ 0.70%)

Introducing our advanced Basic Ramming Mass, a refractory material that redefines durability and efficiency in high-temperature applications. With a remarkable MgO content of 89.52% and a strategic inclusion of Al₂O₃ at 0.70% , our product stands out for its exceptional advantages:



1. Unrivalled Heat Resistance: Our Basic Ramming Mass boasts the highest purity of Magnesia, ensuring superior heat resistance. It can withstand extreme temperatures, making it the perfect choice for furnace linings, ladles, and crucibles in steel, metallurgy, and other industries.

2. Enhanced Corrosion Resistance: The high Magnesia content offers unparalleled resistance to basic slags, making it exceptionally durable under corrosive conditions. This resistance translates to prolonged service life, reducing maintenance costs.

3. Minimized Downtime: Our Basic Ramming Mass keeps your operations running smoothly by reducing the need for frequent maintenance, minimizing downtime, and ultimately boosting productivity.

4. Cost-Effective Solution: Its robust properties and longevity result in a cost-effective refractory solution, providing outstanding value for your investment.

5. Eco-Friendly: The superior composition of our Basic Ramming Mass means less frequent replacement, contributing to a more sustainable, environmentally friendly approach to your industrial processes.



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CHEMICAL SPECIFICATION ANALYSIS **REPORT**

डालमिया इंस्टिट्यूट ऑफ
साइंटिफिक एण्ड इण्डस्ट्रियल
रिसर्च



**DALMIA INSTITUTE
OF SCIENTIFIC &
INDUSTRIAL RESEARCH**

POST BOX NO 2, RAJGANGPUR - 770017
DIST. SUNDARGARH, ODISHA, INDIA

Ref: RGDI: 809T/01

12 July 2023

To,

M/S Rudra Refractory
Near Radha Swani Satsang ghar,
Plot No 24, Khewat 328/594 and
329/595, Gazipur Industrial Area,
Faridabad, Haryana, 121004

Dear Sir,

With reference to your letter no- OSK/23-24/003 dt 07.07.2023; we furnish below the evaluation report of Basic Rammimg Mass sample sent by you.

Sample description	Basic Rammimg Mass
MgO %	89.52
Fe ₂ O ₃ %	2.10
Cr ₂ O ₃ %	5.15
Al ₂ O ₃ %	0.70
Max Grain Size (mm)	5
Bulk Density at 110°C/24h (gm/cc)	2.65
CCS at 110°C/24h (kg/cm ²)	470
CCS at 1500°C/3h (kg/cm ²)	420
PLC at 1500°C/3h (%)	-1.00
Max Use Temperature (°C)	1750

Thanking You,

Yours Faithfully
For Dalmia Institute of Scientific
& Industrial Research

(Dr. P.R. Rauta)
Sr Manager, R&D

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SERVICE FOR INSTALLATION

Our commitment to sending our technicians and installation team to your site is an added advantage that underscores our dedication to providing a complete solution. This service is designed to alleviate your worries, ensuring a smooth and successful installation of our high-quality neutral ramming mass.

1. Expertise and Knowledge: Our technicians are highly trained and possess extensive knowledge of the product and its installation process. They have hands-on experience with various industrial applications, including lining induction furnaces and ladles.

2. Tailored Solutions: Our team will assess your specific requirements and tailor the installation process to meet your needs. They understand the nuances of different industries and applications, allowing them to provide a customized solution.

3. Quality Assurance: By sending our technicians, we ensure that the installation is carried out according to industry best practices, maintaining the integrity and effectiveness of the ramming mass lining. This minimizes the risk of errors and ensures a long-lasting, reliable refractory lining.

4. Time and Cost Savings: Our team's expertise accelerates the installation process, reducing downtime and operational disruptions. This results in cost savings and greater overall efficiency for your business.

5. Peace of Mind: Knowing that our skilled technicians and team are on-site to handle the installation gives you peace of mind. You can confidently focus on your core operations while we take care of the refractory lining, assuring you of a quality installation.





RUDRA REFRACTECH

GREEN INITIATIVES



"At Rare Refractory, our commitment goes beyond quality products. In every first meeting, we gift a table-top plant, not just to enhance your workspace but to highlight the importance of a greener future. We believe in nurturing both business relationships and our planet. So, give us a call and join us in this eco-friendly journey. 🌿🌍 #GreenInitiatives #EcoFriendlyBusiness"

"We're not just about sales; we're about sustainability. For every new customer, we plant a tree, contributing to a greener, healthier world. Join us in this eco-conscious endeavor.

🌿🌍 #SustainabilityMatters #EcoFriendlyChoices"



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