



Mining & Calcination

**Excellence in Refractory
Grade Bauxite**



www.felixcalcination.com



About company

Leading the way in quality Bauxite Mining & Calcination, **Felix Minning & Calcination LLP** supplies high-purity Bauxite and Calcined Bauxite worldwide. With advanced, sustainable Mining & energy-efficient calcination, we deliver consistent, high-grade materials for steel, chemical, construction, and environmental industries. Backed by precision extraction, proprietary thermal processing, and ISO-certified quality, our minerals are trusted for mission-critical applications globally.





*Precision Mining.
Pure Performance...*

OUR VISION

To be a global leader in sustainable bauxite Minning & advanced calcined products, delivering consistent industrial value while protecting the environment and supporting long-term growth.

OUR MISSION

- Operate with excellence, efficiency, & safety across Minning, processing, & calcination.
- Supply high-quality bauxite & calcined products for domestic & global markets.
- Use advanced technology & best Minning practices to boost productivity & reduce environmental impact.
- Build strong partnerships through reliable delivery & customer-focused service.
- Promote responsible resource management, community development, & sustainable practices.

02.

OUR CORE TEAMATES

Teamwork is the combined effort of individuals working together to achieve a common goal with unity and collaboration.



**KAUSHAL
DOSHI**

DIRECTOR
(SALES)

**GAUTAM
PATEL**

DIRECTOR
(PURCHASE & FINANCE)

**MOHAMMADKASANI
M. SAIYED**

DIRECTOR
(PRODUCTION)

**VISHAL
PARMAR**

(DISPATCH, INVENTORY MANAGEMENT,
QUALITY CONTROL, ADMINISTRATION &
RECORD KEEPING)

**MAQBUL
KHORAJIYA**

(RAW MATERIAL, PRODUCTION,
KILN MANAGEMENT, ETC)



2018

Felix Minning & Calcination LLP was established, starting its journey through the trading of bauxite and allied minerals, steadily building a reliable market presence and customer base.

2020-2021

The company reached a major milestone by setting up its own state-of-the-art calcination and manufacturing unit, marking a strategic shift from trading to in-house production and enabling consistent quality, enhanced customization, and improved supply reliability.

2021 - 2024

Felix Minning & Calcination LLP experienced strong growth supported by technological upgrades, process excellence, & a commitment to customer satisfaction, further expanding its operational capabilities and market reach.

2024 - till now

The company stands as one of India's leading calcination units, recognized for quality, efficiency, and innovation, and is poised for continued growth and leadership in the mineral processing industry.

03. COMPANY TIMELINE

04.

OUR CORE STRENGTH



ADVANCED CALCINATION FACILITIES

State-of-the-art rotary kilns & controlled production systems delivering uniform, high performance calcined bauxite.

HIGH-QUALITY MINERALS RESERVES

Access to rich, consistent, and strategically located bauxite deposits ensuring a reliable long-term supply.



STRONG TECHNICAL EXPERTISE

Experienced Minning, processing, & quality-control teams ensuring precision, efficiency, & optimized output.



CONSISTENT PRODUCT QUALITY

Batch-wise testing, strict process control, & standardized quality protocols guarantee stable chemical and physical properties.

EFFICIENT LOGISTICS & SUPPLY CHAIN

Well-coordinated transportation, bulk handling, & on-time delivery supporting national & international customers.



CUSTOMER - CENTRIC CUSTOMIZATION

Ability to tailor grades, particle sizes, & packaging as per industry specific requirements.

ENVIRONMENTAL & SAFETY COMMITMENT

Adherence to sustainable Mining practices, dust control, waste management, & high safety standards across operations.



05.

PRODUCT DETAILS

CALCINE BAUXITE

Available Sizes :

0-1, 1-3, 3-5, 5-8, 5-10, 16-30, 30-60, 140mesh, 200 mesh, 300 mesh, 325 mesh



Al ₂ O ₃ (%)	Fe ₂ O ₃ (%)	TiO ₂ (%)	CaO (%)	B.D (Gm/cc)
87.00	1.80	4.00	0.50	3.25
82.00	3.50	5.00	2.00	3.10
83.00	3.00	4.00	2.00	3.15
85.00	3.20	4.50	2.50	3.20
80.00	4.00	4.00	2.80	3.05
74.00	8.00	6.00	2.00	2.85
76.00	1.80	4.00	0.65	2.90
75.00	4.50	5.00	2.00	2.80
86.00	2.00	4.00	0.40	3.15
88.00	1.60	4.00	0.60	3.25
85.00	2.80	4.00	1.50	3.10
85.00	2.50	3.50	1.80	3.15
78.00	3.50	5.00	2.50	2.95
74.00	5.00	5.00	2.50	2.80
77.00	5.00	6.00	3.00	2.85
90.00	1.30	3.00	0.25	3.30

06. MINNING



Only Single Mine Owner in India

Address : Village - Faradi, Taluka - Mandvi, Dist - Bhuj, Kutch

Area : 10 Hector

Capacity : 1 acre – 175000 Ton

Grade : Raw Bauxite at various layers

- a. 3 – 5 Ft. : Over burden.
- b. 8 – 10 Ft. : Ultra low Fe2O3.
- c. 7 Ft. layer : 86% - 87% Al2O3.
- d. 7 – 8 Ft. layer : 84% - 86% Al2O3.
- e. 7 and below : 80% - 84% Al2O3.

07.

CALCINATION



UNIT - 1

PRODUCTION
CAPACITY
80 TPH

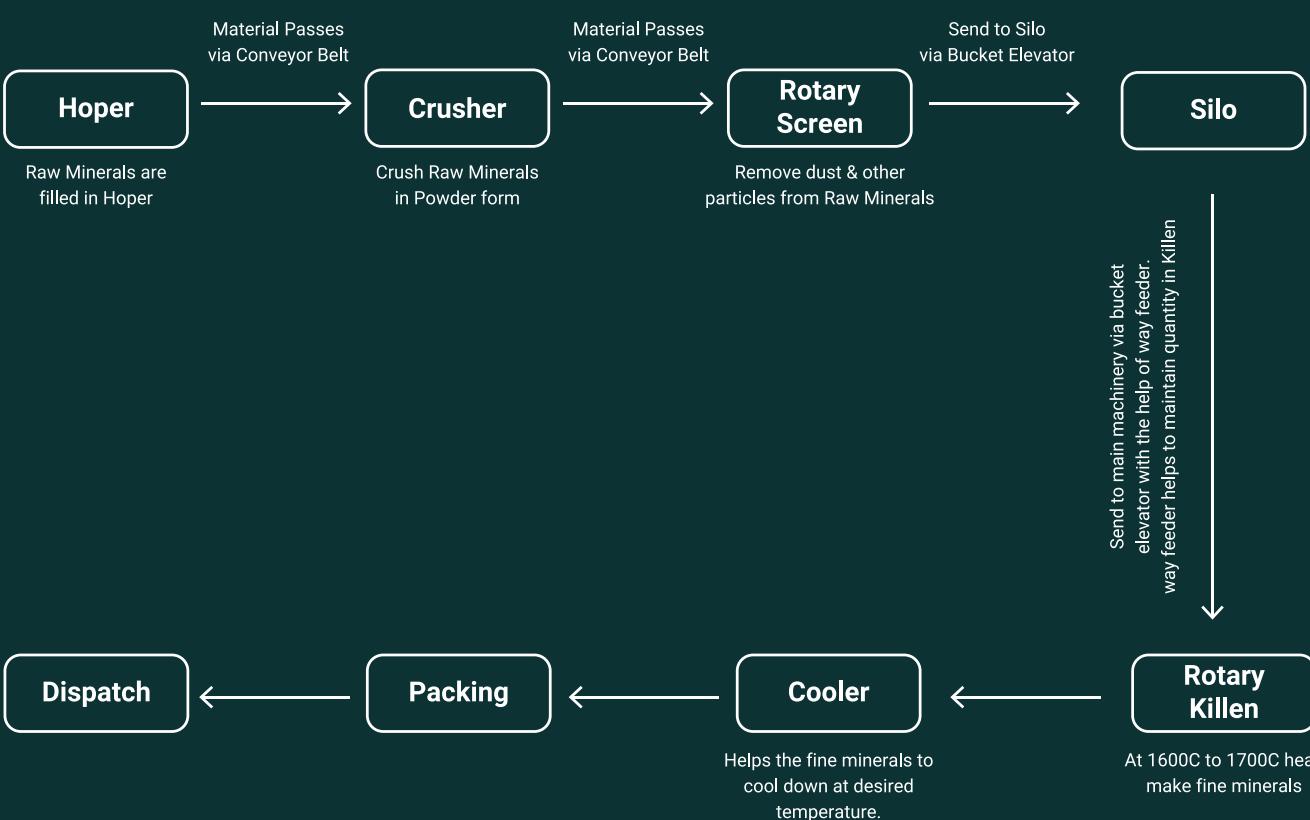
UNIT - 2

PRODUCTION
CAPACITY
50 TPH

UNIT - 3

PRODUCTION
CAPACITY
110 TPH

PROCESS



08. GRINDING



We take pride in delivering high-quality calcined bauxite processed with precision & consistency. Our state of the art in-house grinding unit enables us to offer customized sizes to meet the exact requirements of diverse industries.

DISPATCH

We ensure safe, efficient, and timely dispatch of all materials to meet our customers' requirements.

Our products are available in two standard packaging options:

- 50 kg Bags – Ideal for moderate quantity requirements, easy to handle & suitable for small to medium-scale operations.
- 1000 kg Jumbo Bags – Designed for bulk orders, ensuring reduced handling time & improved logistics efficiency.

Every bag is packed with care to maintain product quality during storage & transportation. We prioritize reliable delivery & consistent supply for all our customers.



Laboratories



This is the only Mining company in the area which has got an operating and active chemical testing laboratory, located inside our calcination plant. The laboratory is well equipped & staffed to undertake conventional wet chemical analysis as well as for rapid instrumental determinations of various elements in raw bauxite and calcination.

Our Gallery



Get In Touch

: Contact No :

+91 74900 78000
+91 98982 04603

: Email :

felixcalcine@gmail.com

: Factory Address :

R.S. NO. 128 P1, B/h Future Refractories,
Nr. National Highway, Village: Panchasar,
Taluka: Wankaner, Dist: Morbi -363621.

: Reg. Address :

604, Corporate Levels,
Ayodhya Chowk, 150 ft. Ring Road,
Rajkot - 360005.