



**KALABHAI**  
*partnering perfection since 1918*

**100**  
YEARS & COUNTING  
1918-2018



Dental Plasters and Stones



# WORLD CLASS DENTAL PLASTERS

Now shipped from the EU.

Made with pride in India

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In order to better meet the needs of the European market, we offer our plasters stocked and shipped directly from the EU. Our fully owned subsidiary, Kalabhai GmbH located ideally in central Germany, takes care of shipping, clearing and warehousing for you. This allows you to order quantities that best suit your needs delivered to your doorstep within a few days, all across the European Union!

# MILESTONES

1930

Plaster of Paris Manufacturing  
Plaster work for several corporate buildings, cinema halls, theatres, five-star hotels and palaces.

1980

First and only plaster to be marked with ISI (Indian Standards Institute)

Completion of landmark project NCPA in Mumbai.  
Plaster of Paris ceiling and acoustical treatment materials, fabrication and installation.

1990

First Indian company to exhibit at Asian Pacific Dental Congress in Malaysia.

1995

First Indian company to participate at the world's largest dental show in Cologne, Germany.

2007

First plaster manufacturer to be certified ISO 14001.

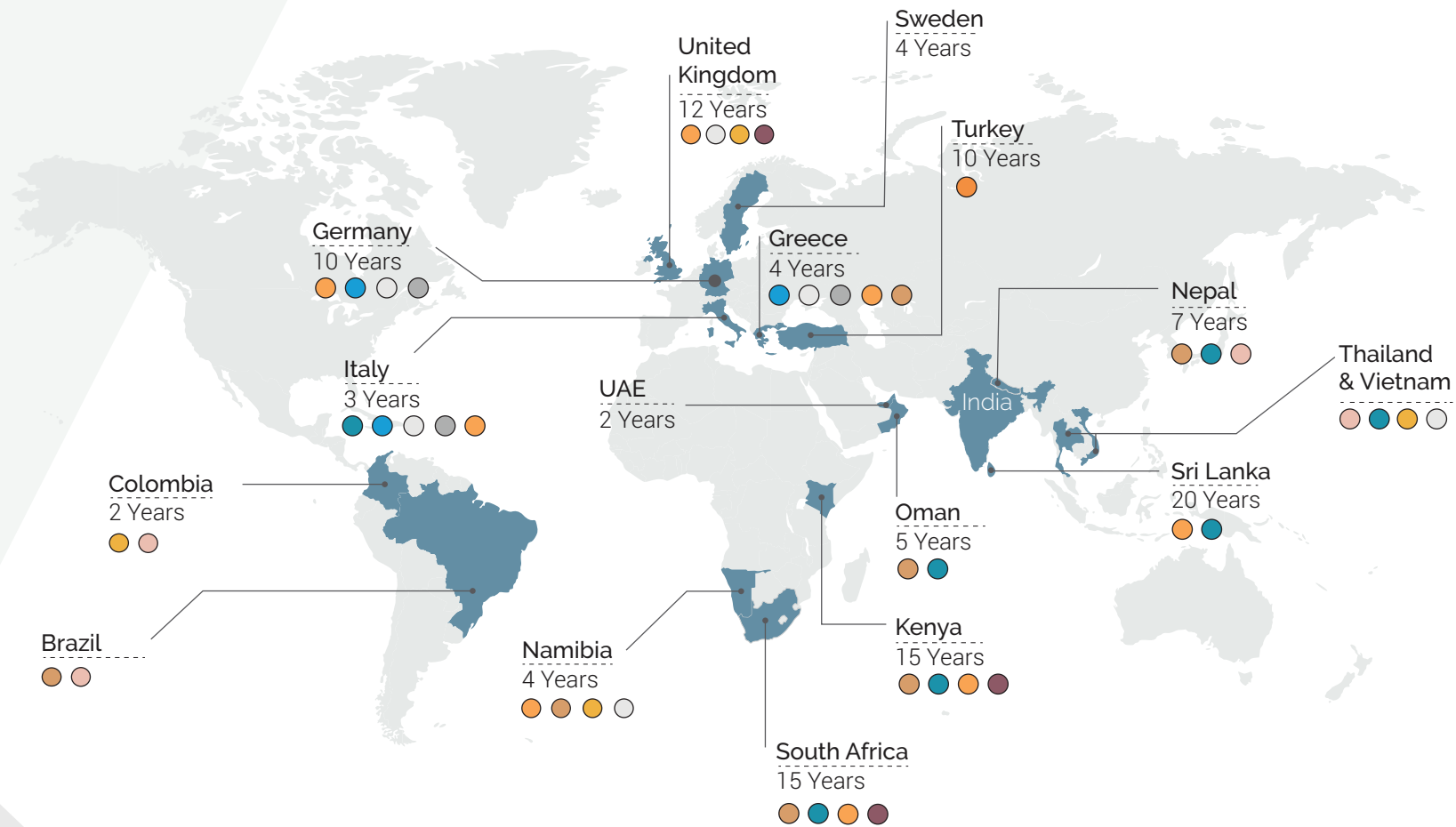
2014

Foundation of European subsidiary in Germany.



# YEARS OF SERVICES

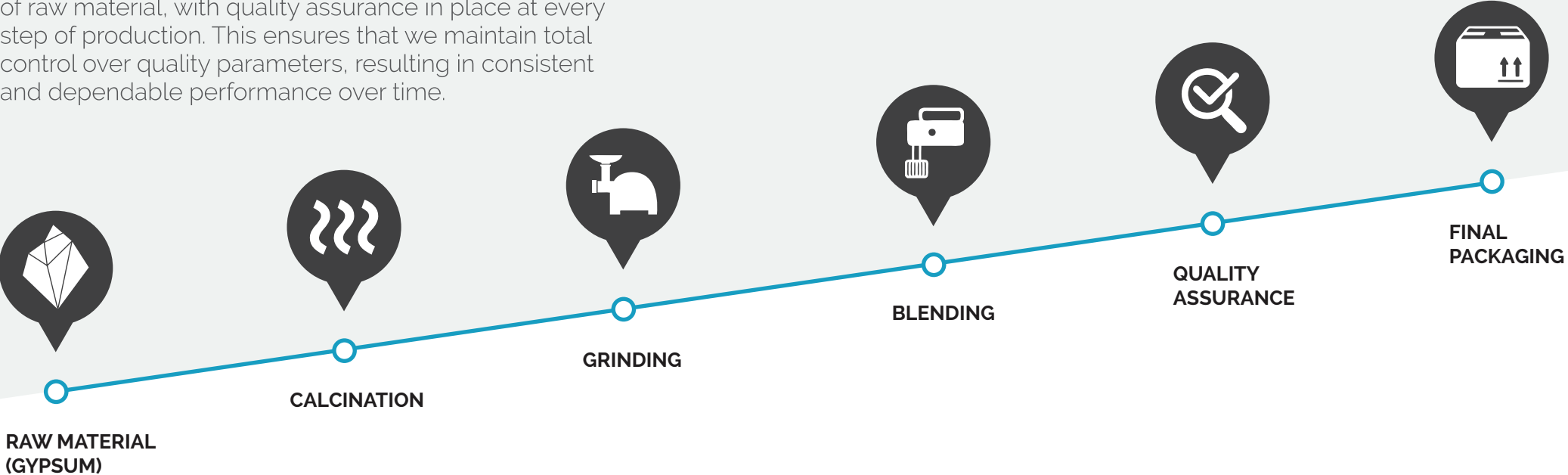
- Ultrarock
- Kalrock
- Ultrabase
- Ultraarticule
- Ultrastone
- Orthokal
- Labstone
- Kalstone
- Kaldent





# COMPLETE IN-HOUSE PROCESS:

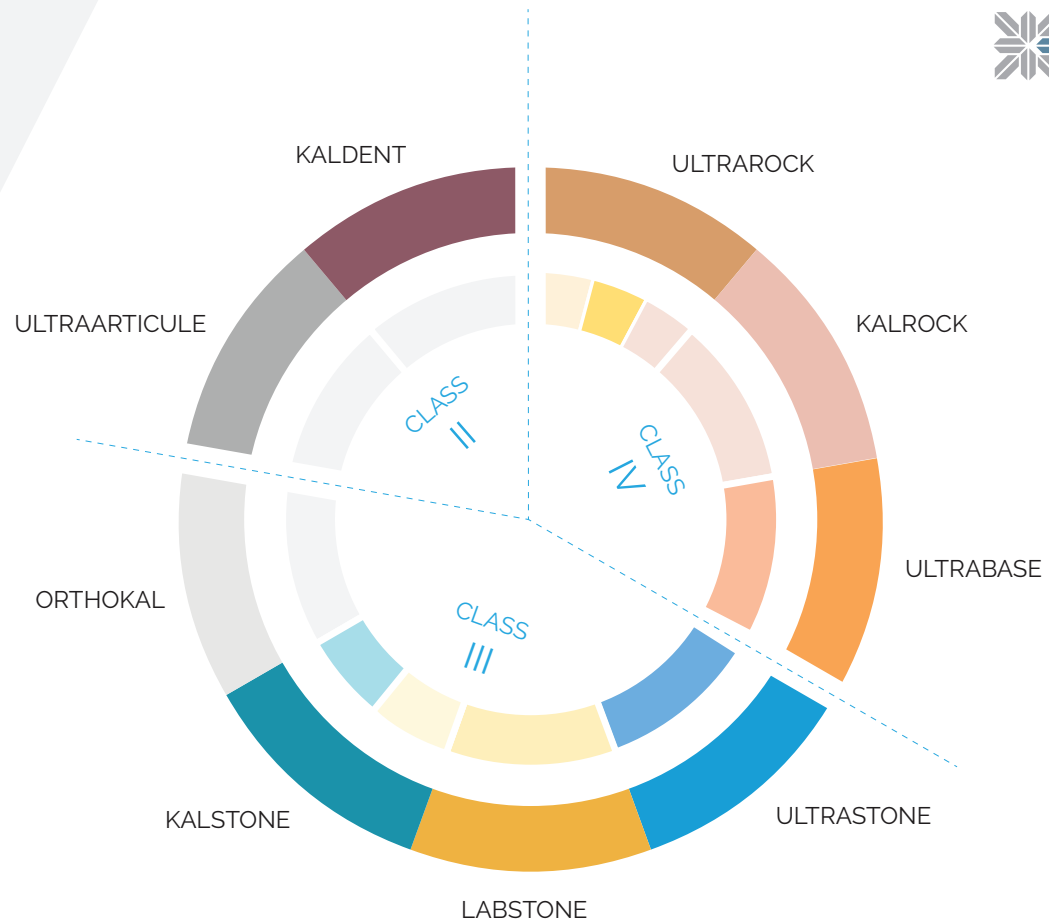
Core competence in plaster manufacture is one of our key strengths. Our processes begin with the careful selection of raw material, with quality assurance in place at every step of production. This ensures that we maintain total control over quality parameters, resulting in consistent and dependable performance over time.





# PRODUCTS

Your needs extend beyond one type of plaster. Kalabhai strives to meet user needs at all times, offering a complete assortment of high-quality plasters across all classes in a spectacular range of colours.





Extra hard die stone for all types of prosthesis - fixed, stump or master models, excellent chip resistance, high definition of details, adequate working time and excellent dimensional stability.

Colour: Beige  / Vivid Yellow  / Pink 

### Physical Properties

Type	Class IV
Water / Powder Ratio	20 ml / 100 g
Soaking Time	30 seconds
Mixing Time (Mechanical)	30 seconds
Mixing Time (Manual)	45 seconds
Setting Time	6 – 8 minutes
Hardening Time	30 minutes
Setting Expansion	0.08% Max

### Compressive Strength

After 1 hr	550 kg / cm <sup>2</sup>
After 24 hr	900 kg / cm <sup>2</sup>

### Packaging Information

5 kg	IML Plastic Container
3 kg	Multilayer Laminated Bag
25 kg	Paper Carton


CLASS  
IV

# ULTRAROCK





Extra hard natural die stone for all types of prosthesis – fixed, stumps or removable. Good stacking properties and dimensional stability. Compatible with all impression materials.

Colour: Pink 

### Physical Properties

Type	Class IV
Water / Powder Ratio	23 ml / 100 g
Mixing Time	15 seconds
Working Time	5 minutes
Setting Time	8 minutes
Setting Expansion	0.10%
<b>Compressive Strength</b>	
After 1 hr	400 kg / cm <sup>2</sup>
After 24 hr	800 kg / cm <sup>2</sup>

### Packaging Information

3 kg Multilayer Laminated Bag  
25 kg Paper Carton

CLASS  
**IV**

# KALROCK







Extra hard natural die stone for pouring bases in preparation of die cut models. Excellent fluidity and extremely low expansion. The material can be poured in fluid condition at given water / powder ratio. Good contrast provides aesthetically attractive model.

Colour: Orange 

### Physical Properties

Type	Class IV
Water / Plaster Ratio	23 ml / 100 g
Soaking Time	30 seconds
Mixing Time	30 seconds
Working Time	5 minutes
Setting Time	8 - 10 minutes
Setting Expansion	0.05% max

### Compressive Strength

After 1 hr	400 kg / cm <sup>2</sup>
After 24 hr	800 kg / cm <sup>2</sup>

### Packaging Information

3 kg Multilayer Laminated Bag  
25 kg Paper Carton


CLASS  
**IV**

# ULTRABASE





Extra hard natural stone for fixed, stumps or bases in fixed and Co-Cr models. Excellent chip resistance, high definition of details, adequate working time and good dimensional stability. Compatible with all types of impression materials.

Colour: Azure Blue 

### Physical Properties

Type	Class III
Water / Plaster Ratio	28 ml / 100 g
Mixing Time	15 seconds
Working Time	5 minutes
Setting Time	8 minutes
Setting Expansion	0.20%

### Compressive Strength

After 1 hr	340 kg / cm <sup>2</sup>
After 24 hr	700 kg / cm <sup>2</sup>

### Packaging Information

- 3 kg Multilayer Laminated Bag
- 25 kg Paper Bag
- 25 kg Paper Carton

CLASS  
**III**

# ULTRASTONE





General laboratory natural stone for acrylic occluding models and bases. Good fluidity and low expansion.

Colour: Green  / Yellow 

### Physical Properties

Type	Class III
Water / Powder Ratio	30 ml / 100 g
Mixing Time	15 seconds
Working Time	5 minutes
Setting Time	5 - 7 minutes
Setting Expansion	0.25%

### Compressive Strength

After 1 hr	250 kg / cm <sup>2</sup>
After 24 hr	600 kg / cm <sup>2</sup>

### Packaging Information

3 kg Multilayer Laminated Bag  
25 kg Paper Bag


CLASS  
**III**

# KALSTONE





General purpose laboratory stone.

Colour: Bright Yellow 

### Physical Properties

Type	Class III
Water / Powder Ratio	34 ml / 100 g
Soaking Time	15 seconds
Mixing Time (Manual)	2 - 3 minutes
Working Time	5 minutes
Setting Time	7 - 10 minutes
Setting Expansion	0.15%

### Compressive Strength

After 1 hr	220 kg / cm <sup>2</sup>
After 24 hr	500 kg / cm <sup>2</sup>

### Packaging Information

3 kg Multilayer Laminated Bag  
25 kg Paper Bag

CLASS  
III

# LABSTONE





Specially made for Orthodontic study models with extreme whiteness. Models have excellent surface and brilliant details. Adequate working time and good dimensional stability.

Colour: White

### Physical Properties

Type	Class III
Water / Powder Ratio	28 ml / 100 g
Mixing Time	15 seconds
Working Time	5 minutes
Setting Time	8 minutes
Setting Expansion	0.10%

### Compressive Strength

After 1 hr	340 kg / cm <sup>2</sup>
After 24 hr	700 kg / cm <sup>2</sup>

### Packaging Information

- 3 kg Multilayer Laminated Bag
- 5 kg IML Plastic Pack

CLASS  
III

# ORTHOKAL





Dental plaster with extreme whiteness and ultra low expansion suitable for mounting models on articulator.

Colour: White

### Physical Properties

Type	Class II
Water / Plaster Ratio	90 ml / 100 g
Mixing Time	15 seconds
Working Time	2 minutes
Setting Time	3 - 4 minutes
Setting Expansion	0.04% max

### Compressive Strength

After 1 hr	25 kg / cm <sup>2</sup>
After 24 hr	70 kg / cm <sup>2</sup>

### Packaging Information

3 kg Multilayer Laminated Bag  
20 kg Paper Carton

CLASS  
II


# ULTRAARTICULE







White alabaster plaster for general application. Good whiteness and creamy consistency.

Colour: White 

### Physical Properties

Type	Class II
Water / Powder Ratio	58 ml / 100 g
Mixing Time	15 seconds
Working Time	3 minutes
Setting Time	5 minutes
Setting Expansion	0.10%

### Compressive Strength

After 1 hr	150 kg / cm <sup>2</sup>
After 24 hr	300 kg / cm <sup>2</sup>

### Packaging Information

3 kg Multilayer Laminated Bag  
25 kg Paper Bag

CLASS  
II

# KALDENT





# QUALITY

From our inception in 1918, the name Kalabhai has remained consistently synonymous with quality. From our products to our ISO 9001 certified processes, we are committed to continuous improvement, applicable to the organisation and the prevention of negative environmental impact.

ISO 9001:2008 Quality Management System  
Certified by British Standards Institution



**Certificate  
of Registration**

QUALITY MANAGEMENT SYSTEM - ISO 9001:2008







**KALABHAI**  
*partnering perfection since 1918*



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