

# PRODUCT CATALOGUE



# CAL-SIL

Varsha Refractories Private Limited

# About Company

Varsha Refractories is the leading **Insulation & Refractory solution** provider. Providing highest-quality end products to our customers, while striving to make them the leaders in their respective industries. When it comes to our relationship with clients, we are proud to be an approachable, adaptable and professional. We have had the privilege of serving 3000+ customers worldwide. Varsha Refractories is one of the **largest** calcium silicate board manufacturer in India.

## Introduction

CAL-SIL is a light weight high temperature Calcium Silicate insulation boards. We provide low, medium and high density calcium silicate products in different sizes and shapes. Our calcium silicate products has classification temperature as high as 1100°C.

## Properties & Advantages

- Good mechanical strength
- Low shrinkage
- Low thermal conductivity
- High thermal stability
- Customisation
- Good workability

## Application Area

CAL-SIL can be used in various industries such as:

- Cement
- Steel
- Foundry
- Chemical
- Petrochemical
- Aluminium
- Glass
- Textile
- Ceramics
- Copper
- Fertilizer
- Galvanising
- Sugar
- Building & Construction
- Passive Fire Protection

# Technical Data

Classification Temperature	1000° C	1100° C
Bulk Density (± 10%)	260 kg/m <sup>3</sup>	280 kg/m <sup>3</sup>
Moisture Content (%) max.	7.5	7.5
Flexural Strength (min.)	350 KN/m <sup>2</sup>	600 KN/m <sup>2</sup>
Compressive Strength, reduction in thickness not to exceed under a load of: - 415 KN/m , dry - 170 KN/m , after 18 hrs immersion in water	5.0%	5.0%
Heat Resistance under heat soaking for 24 hours. - Linear Shrinkage (Length), Max at 950 C - Loss In Mass (max.) - Compressive Strength, reduction in thickness not to exceed under a load of 345 KN/m <sup>2</sup> (max.)	2% 15% 5%	2% 15% 5%
Thermal Conductivity	200° C -0.080 W/m° k 400° C -0.121 W/m° K	200° C - 0.074 W/m° k 400° C - 0.116 W/m° K
Dimensions (customised size available)	600 X 150 mm 600 X 300 mm 900 X 600 mm	600 X 150 mm 600 X 300 mm 900 X 600 mm
Thickness (mm)	25 - 115	25 - 115

**Note: Information contained in this publication is for illustrative purposes only and not intended to create any contractual obligation.**





### Factory Address:

Thangadh: Survey no 26, Rupavati Road, Dist. Surendranagar, Thangadh, Gujarat 363530

Sihor: Plot No 223, Sihor-Ghanghali Link Road, Dist. GIDC Sihor, Bhavnagar, Gujarat 364240



### Head Office Address:

204 - 206, Krishna Complex, Next to Sridevi Hospital, Kalyan (W) 421301 Maharashtra.



### Email:

calsil@calciumsilicate.in



### Office Number:

8689920123 / 9594993184



### Website:

[www.varsharefractories.com](http://www.varsharefractories.com)



### Warehouse:

#### **Navi Mumbai, Maharashtra:**

Taloja-Khoni Road Near Bharat Weigh Bridge, Village Chalgoan, Panvel, Navi Mumbai, Maharashtra, 410206

#### **Chakan, Pune, Maharashtra:**

Gut No 245/246, Kharabwadi, opp. Indian Oil Petrol Pump, Opp. Racold, Next to K-Air, Chakan- Talegaon Road, Chakan, Pune, Maharashtra 410501

#### **Jalna, Maharashtra:**

Plot No D-58, ADDL MIDC, Phase -1, Opp. Matsyodari Steel, Jalna, Maharashtra, 431203

#### **Wakaner, Morbi, Gujarat:**

Plot No C - 1/2, Mayur Oil Mills Compound, GIDC Wakaner, Morbi, Gujarat, 363621