



SINCE 2003

FIRE EXPERT

# COMPANY PROFILE & PRODUCT CATALOG



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01

# ABOUT US

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Suparna has been engaged in mgo board production for more than 20 years



## ABOUT US

关于我们

Suparna is a professional magnesium oxide board manufacturer, with more than 20 years of experience. We are devoted to serving customers from Europe, America, Asia and many other districts.

Equipped with advanced production line, Suparna can produce 1,000,000 pieces of board annually.





# OUR HISTORY

发展历程

## **2003 - Company Establishment**

In this year the original factory Huanghua Dongfang Building Material Co., Ltd. was established. It is among the first batch of factories to produce mgo board.

## **2005 - International Trade**

We started to explore international market. We encountered many difficulties due to lack of experience, but in the end we all worked it out.

## **2007 - Fully Automatic Production Line**

To meet the order requirements of the market, we introduced a fully automatic production line, which greatly improved production efficiency and product quality.



# OUR HISTORY

发展历程

## **2008 - Tunnel Board**

Suparna launched special boards for tunnel passive fireproof project in 2008. We are the first manufacturer in China to produce mgo tunnel boards.

## **2016 - National Standards**

Participating in the formulation of national standards (GB/T33544, for example) for mgo board industry.

## **2020 - More Products**

We have been exploring the possibilities of mgo board and developing new products, such as PVC laminated board and other decorative panels.



02

# MGO BOARD

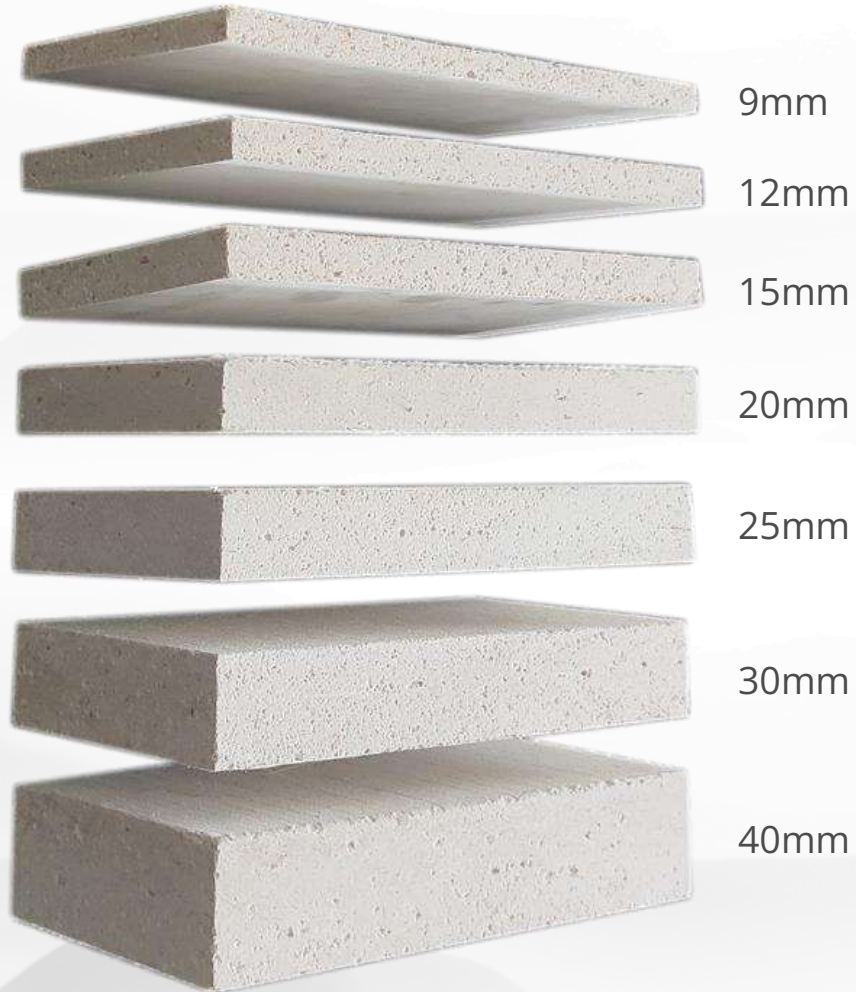
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Basic knowledge about Suparna MgO Board, including specification, features and applications



# INTRODUCTION

氧化镁板



Suparna Magnesium oxide board (MgO board) is an upgraded fireproof material that replaces traditional drywall or cement board. It is lighter in weight but with more strength, and it has better resistance to mold and moisture.

The board is made from MgO, perlite, saw dust, non-woven fabric, fiberglass mesh and other materials. It is eco-friendly and healthy, with no asbestos, formaldehyde and radiation.



# SPECIFICATION

规格

## Size

1220\*2440mm (4\*8 ft)

1220\*3000mm (4\*10 ft)

## Customized size

Width  $\leq$  1220mm

Length  $\leq$  3000mm

## Thickness

3-40mm

## Color

White, grey, others

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## Edge



Square



Bevel

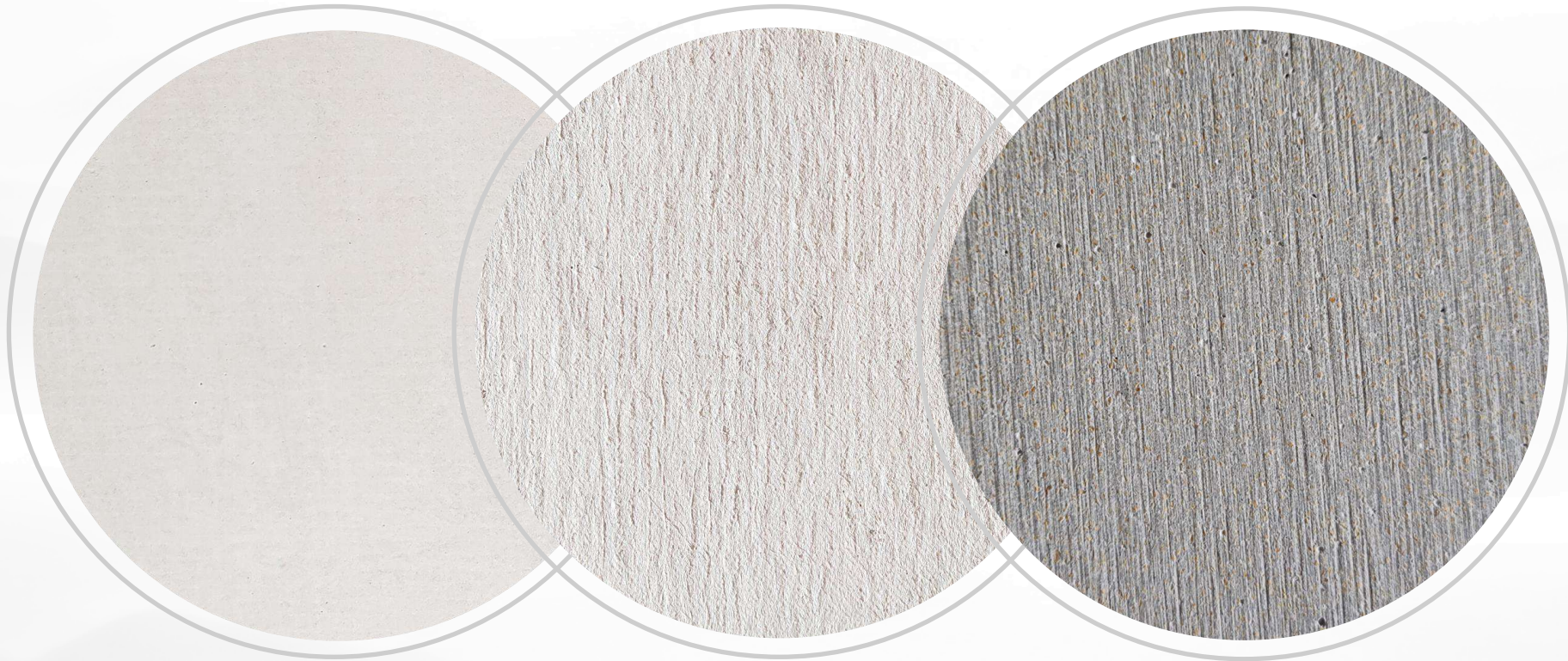


T & G



# SURFACE

表面处理



Smooth

Textured

Sanded



# FEATURES

产品特性



Fireproof (A1)



Moisture and  
mold resistant



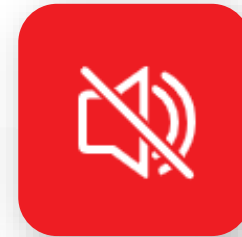
No asbestos,  
formaldehyde  
and radiation



Construction-  
friendly



No chloride  
(chlorine)



Sound  
insulation



# APPLICATIONS

应用场景



## Application Areas (Broad Categories)

1. Residential buildings, including bathroom, kitchen, laundry room, etc.
2. Commercial buildings, like office building, shopping mall, hotel, theater, school, gym, data center, library and many other places
3. Highway tunnel

## Specific Applications (Detailed Areas)

- |                  |  |
|------------------|--|
| 1. Interior wall | 5. Decorative panel and acoustic panel |
| 2. Sub-flooring  | 6. Furniture                           |
| 3. Fire door     | 7. Fireplace                           |
| 4. Ceiling       | 8. Duct                                |

...



# PRODUCTION PROCESS

生产过程



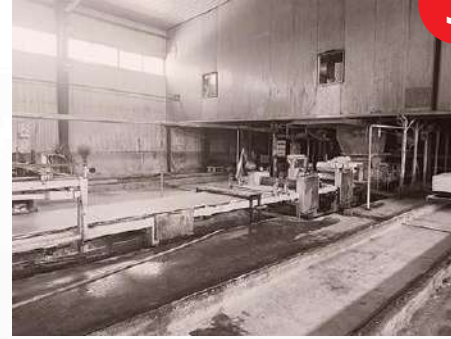
1

Data Adjustment



2

Material Mixing



3

Board Shaping



4

Curing Phase I



5

Demolding



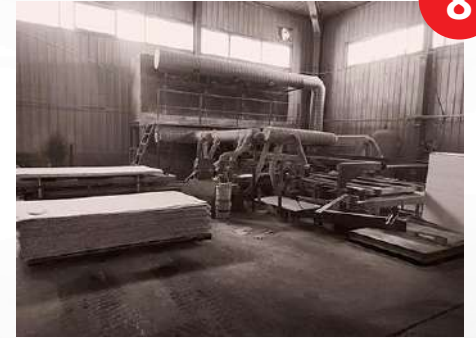
6

Curing Phase II



7

Drying



8

Cutting

Click [here](#) or scan the QR code to see the production video





03

# PRODUCT RANGE

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Wall board, sub-flooring board, fire door board, ceiling board and decorative board



# INTERIOR WALL BOARD

内墙板



**Size:** 1220\*2440mm, 1220\*3000mm

**Thickness:** 8mm, 10mm, 12mm

**Density:** 950±10% kg/m<sup>3</sup>

**Fire rating:** A1

**Color:** White, grey

**Edge:** Square

**Surface:** Front smooth and back textured

**Application area:** Interior wall, furniture

**Customization options:** Size, thickness, color, edge, surface



# CEILING BOARD

吊顶板



**Size:** 1220\*2440mm, 1220\*3000mm

**Thickness:** 5mm, 6mm

**Density:** 950±10% kg/m<sup>3</sup>

**Fire rating:** A1

**Color:** White, grey

**Edge:** Square

**Surface:** Front smooth and back textured

**Application area:** Ceiling, fire door, furniture

**Customization options:** Size, thickness, color, surface



# SUBFLOORING BOARD

地板衬板



**Size:** 1220\*2440mm, 1220\*3000mm

**Thickness:** 15mm, 18mm, 20mm

**Density:** 1100-1300 kg/m<sup>3</sup>

**Fire rating:** A1

**Color:** White, grey

**Edge:** Square, T&G

**Surface:** Regular/sanded

**Application area:** Subfloor

**Customization options:** Size, thickness, color, edge, surface



# FIRE DOOR BOARD

门芯板



**Size:** 900\*2100mm

**Thickness:** 38mm, 48mm

**Density:** 240-350 kg/m<sup>3</sup>

**Fire rating:** A1

**Color:** White

**Edge:** Square

**Surface:** Powder texture

**Application area:** Fire door

**Customization options:** None



# PVC LAMINATED BOARD

PVC装饰板



**Size:** 1220\*2440mm, 1220\*3000mm

**Thickness:** 8mm, 10mm, 12mm

**Density:**  $950 \pm 10\%$  kg/m<sup>3</sup>

**Fire rating:** A1

**Color:** Various

**Edge:** Square

**Surface:** PVC film

**Application area:** Interior wall, furniture

**Customization options:** Size, thickness, pattern



# PVC PATTERNS

PVC装饰板

We offer a large number of patterns. The following patterns are for display only.  
If you need to see more patterns, please contact us.



The background features a soft-focus landscape of rolling mountains in shades of light gray and white. In the upper right corner, several birds are depicted in flight, scattered across the sky. On the left side, a white circle with a subtle red glow contains the number '04' in a bold, red, sans-serif font.

04

# CONTACT

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Don't hesitate to contact when you have any questions.  
We are looking forward to hearing from you.



# CONTACT

联系方式



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