

# Gypsum Board Types and Uses for Walls and Ceilings

Due to their numerous advantages, gypsum boards have become very popular in contemporary building. They are not only quick to put up, but they also weigh very little and provide very smooth surfaces for walls and ceilings. It is now quite common to see Gypsum Board Types products in residential buildings, offices, schools, hospitals, hotels, and shopping malls. Other names that people used to refer to gypsum boards or plaster boards.

In this article, we take you through the various kinds of gypsum board and their functions in the simplest possible way. Furthermore, we supplement our discussion with an FAQ section that addresses common inquiries and thus facilitates your selection of the appropriate gypsum panel for your project.

## What Is a Gypsum Board?

In simple terms, Gypsum Board is a flat panel composed of a gypsum core sandwiched between two layers of strong paper. These sheets are used for making interior walls, ceilings, partitions, and even for decorative purposes.

The Gypsum Board products of the companies like Shashwat Wallcare are tailor-made to modern construction demands. They not only cover surfaces smoothly but also save time and reduce the amount of dirt produced during the construction process. Instead of getting surfaces finished with cement plaster or building brick walls, people have been using plaster boards as a cleaner option.

# **Gypsum Wallboard**

## **Explanation and Uses**

Gypsum wallboard is the leading kind of gypsum board. Its dominant use is for the construction of interior walls and partitions. The surface of such board is even and sleek, ready for painting.

Gypsum wallboard uses:

- Interior wall partitions
- Bedroom and living room walls
- Office cabins
- Commercial interiors

Another application for gypsum wallboard is as plasterboard for walls because it substitutes plastering. Construction time is cut down and quality is raised.

# **Gypsum Ceiling Board**

Gypsum ceiling boards are made for the sole purpose of false ceilings. The boards are light in weight and allow quick installation on metal frames.

Gypsum ceiling board applications:

- False ceilings in houses
- Office ceilings
- Ceiling designs with decorative lighting
- Concealment of lighting and AC ducts

A gypsum board ceiling that is plasterboard gives a neat and contemporary look. It also provides a neat covering for the wiring and pipes.

## **Fire Resistant Gypsum Boards**

The fire-resistant gypsum boards have unique additives that delay the fire spread.

Besides, these boards are applied in places where safety is a top priority.

Uses:

- Kitchens
- Electrical rooms
- Staircases
- Commercial buildings like offices and retail stores

Fire-resistant Gypsum Board is a very good source of protection for both human and property in case of fire.

## **Water-Resistant Gypsum Board**

Water-resistant gypsum boards are specifically designed for wet and humid areas. Also, they are more resistant to water than the ordinary boards.

Uses:

- Bathrooms
- Kitchens
- Utility areas
- Washing basins

These plaster boards are perfect for the places where the usual boards will be ruined by moisture. Soundproof / Acoustic Board

## **Soundproof gypsum boards**

**Soundproof gypsum boards are efficient in cutting down the sound between the rooms. They are the ones to be used in places where noise and privacy are an issue.**

**Applications:**

- **Recording studios**
- **Meeting rooms**
- **Sleeping rooms**
- **Home cinemas**

**Acoustic gypsum panel systems not only give comfort but also lessen sound disturbance.**

## **Gypsum Backing Board**

**Gypsum backing boards are applied as undercoats for tiles or other finishings. Their main purpose is to give strength and support.**

**Applications:**

- **Bathroom tile backing**
- **Kitchens**
- **Areas exposed to water**

**These boards are beneficial in securing the walls from damages and cracks.**

## **Gypsum Soffit Board**

**Gypsum soffit boards are designated for covered outdoor areas such as balconies and protruding parts of buildings.**

**Applications:**

- Ceilings of balconies
- Areas for parking
- Overhangs of the building

They not just give a good look, but also act as a barrier between the structure and the weather.

## **Gypsum Board for Manufactured Housing**

The boards refer to those that are addressed only for prefabricated and manufactured houses.

**Applications:**

- Modular homes
- Prefab buildings
- Temporary housing

They have the advantage of being light, thus easy to move around and install; which makes them ideal for speedy construction projects.

## **Gypsum Shaft Liner Board**

Shaft liner boards are tough gypsum boards intended for vertical shafts and spaces that are not allowed to be opened to outside.

**Applications:**

- Lift shafts
- Service ducts
- Stairwell enclosures

This kind of Gypsum Board raises the level of fire safety and also helps smartly the supporting structure.

## **Gypsum Fiber Cement Board**

Gypsum fiber cement boards are produced by the mixture of gypsum, fibers, and cement. Their strength is superior to that of normal plaster boards.

**Applications:**

- High-traffic areas
- Commercial buildings
- Industrial spaces

These boards present the property of longevity, in addition to the advantage of a fine finishing.

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## **Gypsum Soffit Board**

Gypsum soffit boards are for covering up tight spaces around an interior or exterior area such as balconies and building projections they have.

**Uses:**

- Balcony ceilings
- Parking areas
- Building overhangs

They also serve to protect the buildings from being affected by the weather and provide an attractive finish.

## **Gypsum Board for Manufactured Housing**

These boards are produced particularly for pre-constructed and manufactured housing.

**Uses:**

- **Modular homes**
- **Prefab buildings**
- **Temporary housing**

They have the advantage of being light, easy to carry around, and fast in installation thus, they are the ideal solution for quick construction projects.

## **Gypsum Shaft Liner Board**

Shaft liner boards are the production of very resilient gypsum boards that are employed in vertical shafts as well as enclosed areas.

**Uses:**

- **Lift shafts**
- **Service ducts**
- **Gypsum Core Board**

## **Gypsum core boards**

Gypsum core boards are the kind of the main boards which can either be like raw material for the production of other gypsum products or as inner layers.

**Uses:**

- **Manufacturing purposes**
- **Layered wall systems**

They are basically the core part of many plaster boards and gypsum panels.

## **FAQ – Frequently Asked Questions**

## Which gypsum board is the best?

The quality of Gypsum Board totally depends on the area of its application.

- For walls: gypsum wallboard
- For ceilings: gypsum ceiling board
- For wet areas: water-resistant board
- For safety: fire-resistant board

## What does Type C gypsum board mean?

Type C gypsum board is a kind of fire-rated gypsum board with improved fire resistance. It offers better performance than regular boards under high-temperature scenarios.

## Which is better PVC or gypsum?

- Gypsum boards are superior in:
- Fire resistance
- Smooth finish
- Eco-friendliness

PVC is water-resistant but not fire-safe. In case of fire, plasterboard ceiling and wall systems are usually the first choice over PVC in case of interiors.

## How to assess gypsum board quality?

Quality assessment:

- Board surface should be smooth
- Edges should be strong
- No cracks or warping



- Correct thickness and weight

Quality boards from reputed brands like [Shashwat Wallcare](#) will surely surpass these standards.

## What is the optimum thickness for gypsum board?

Typical thicknesses available:

- 9.5 mm – ceilings
- 12.5 mm – walls and partitions
- 15 mm – fire-rated or soundproof walls

Thickness has to be determined by the specific application.

## What is the purpose of adding 2% gypsum to cement?

Gypsum is mixed with cement mainly for the purpose of controlling setting time. It gives the cement a delayed hardening rate, which in turn allows for the desired workability.

### Conclusion

Gypsum boards have turned into a crucial element in modern construction. They can be found in plasterboard for wall systems and plaster ceiling designs, and they offer flexibility, safety, and beauty at the same time. Several kinds of gypsum board are there to meet the requirements of wall, ceiling, wet area, soundproofing, and fire safety applications.

Selecting the most appropriate gypsum panel guarantees an uninterrupted performance and improved interior comfort. With reliable choices such as Shashwat Wallcare gypsum boards, builders and homeowners can effortlessly create strong, safe, and stylish spaces.

