

SUMMARY OF STANDARD IS 2095 PART 1

Gypsum plaster boards are essential materials for modern construction, commonly used in building interiors for wall and ceiling linings. They offer a smooth, even surface ready for decoration and help to create lightweight, durable, and fire-resistant partitions, ceilings, and other architectural features.

Gypsum plaster boards consist of a gypsum core encased in durable paper liners. They come in various forms to serve different building needs, including standard wallboards for general use, moisture-resistant boards, fire-resistant boards with enhanced core cohesion, and specialized baseboards that support direct plaster application. Each type is engineered to meet specific performance and durability requirements, providing options suited for residential, commercial, and industrial applications.

Consumers expect gypsum plaster boards to be strong, dimensionally accurate, durable, and safe under different environmental conditions. Key quality features include resistance to moisture and heat, consistent sizing for seamless installations, and surface suitability for a range of finishes. In addition, consumers increasingly prioritize environmentally friendly materials, seeking products that support sustainable building practices.

IS 2095 Part 1 sets stringent guidelines to ensure gypsum boards meet consumer quality expectations. The standard specifies tests for dimensional accuracy, transverse strength, and edge profiles, ensuring that boards are resistant to cracking, warping, and environmental stress. Moisture-resistant and fire-resistant boards undergo additional testing to confirm their suitability for challenging conditions. The standard also mandates the display of key information on each board, including the manufacturer's details and production year, aiding consumers in product selection and traceability.

To support sustainable construction, IS 2095 Part 1 includes optional criteria for Eco Mark certification, indicating that the product meets environmental regulations, such as using recyclable, reusable, or biodegradable packaging materials. By adhering to IS 2095 Part 1, manufacturers deliver gypsum plaster boards that align with consumer expectations for quality, safety, and sustainability, ensuring reliable performance in modern construction