

Regular Gypsum Board Product Description

Cabot Regular Gypsum Board has a core of noncombustible; dimensionally stable gypsum rock sandwiched between a face layer of 100% recycled ivory colored paper and a brown-back paper. The face paper is formed along each edge, wrapped around and sealed to the brown paper on the back side. This produces a strong yet flexible panel in convenient width and lengths to meet most commercial/residential construction requirements for wall and ceiling substrates. Even though Cabot Regular Gypsum Board is a limited-combustible product with a Class A Flame Spread Rating it is not used in an assembly requiring a fire rating.

Cabot Gypsum Board comes from the factory as a ready-to-finish product. After installation, the ends, edges, corners and fastener heads are concealed with joint treatment systems to produce a smooth seamless surface prior to final decoration.

Cabot Regular Gypsum Board can be used for most walls, partitions and ceilings in both new commercial and residential construction and remodeling work. Cabot Gypsum Board is an excellent barrier to the transmission of noise and thermal energies but must be installed in the proper thickness and method that has been tested to achieve the desired rating as per Standard Specification for Application and Finishing of Gypsum Board, ASTM C 840, for non rated construction.

Product Specification

Cabot Regular Gypsum Board is manufactured to meet or exceed the requirements of ASTM C1396 and CAN/CSA A82.27 and Installation Standards ASTM C840

Product Limitations

1. Exposure to excessive or continuous moisture and extreme temperature 52° C (125° F) should be avoided.
2. Store indoors and off ground surface.
3. Boards should be stacked flat with care taken to prevent sagging or damage to edges, ends and surfaces.
4. Storing board lengthwise leaning against framing is not recommended.
5. This board is nonstructural and should not be used as a nailing base to support heavy wall-mounted objects.

Product Data

Surface Burning Characteristics: Flame Spread Rating of 15, Smoke Developed 0 per ASTM E 84 or CAN/ULC-S102.

Thickness: 1/2" (12.7 mm)
Width: 4' (1220 mm)
Lengths: 8' (2440 mm) to 12' (3660mm)
Edges: Tapered, Square
Packaging: Two pieces per bundle, face-to-face and end taped.
Special lengths may be available, consult nearest Cabot Gypsum sales office.

Product Application

Cabot Regular Gypsum Board can be applied to wood framing with drywall nails or Type W screws and with special adhesives in combination with supplemental fasteners. Gypsum Board may also be applied to light gauge metal framing with self-tapping Type S screws. See Tables I and II for framing and fastener spacing details.

In general, apply gypsum board to the ceiling first at right angles to the framing. A horizontal application is also recommended for walls and partitions. This gives a stronger wall and reduces the number of joints to be finished. Start with the upper panels and cut opening for doors or windows from full panels or plan joints to occur on studs nearest the center of the openings. Use appropriate metal or plastic trim accessories on all exposed edges, corners and abutments.

In cold weather or during joint finishing, temperatures within the enclosure should stay within the range of 50° to 95°F (10° to 35°C) and with sufficient ventilation to carry off excess moisture.

Board Decoration

Cabot Regular Gypsum Board is designed to accept most types of paints, texture and wall covering materials. It is, however, strongly recommended that the surface should be primed and sealed with a full bodied quality latex primer before applying a decorative material. This will equalize the suction variation between the joint compounds and the paper surface. If glossy paints are used in areas such as kitchens or bathrooms, then a thin skim coat of compound over the entire surface is recommended to reduce highlighting or joint photographing. This method is also recommended in areas of severe side lighting of either natural or artificial light sources. A sealer application under wallpaper or other wall covering is also recommended so that the board surface will not be damaged if the covering is subsequently removed during redecorating. Joint treatment must be thoroughly dry before proceeding with primer-sealer application and final decoration.

	MAXIMUM FRAMING SPACING (Wood or Metal)		
	SINGLE PLY THICKNESS	APPLICATION	MAXIMUM O.C. SPACING FRAMING
*Ceilings	1/2" or 12mm	Right Angles to Framing	24" o.c. or 600mm
*Ceilings	1/2" or 12mm	Parallel to Framing	16" o.c. or 400mm
Sidewalls	1/2" or 12mm	Horizontal or Vertical	24" o.c. or 600mm

*On ceilings to receive a spray-applied water based texture, gypsum board shall be installed at right angles to 16" o.c. or 400mm framing.

SINGLE PLY APPLICATION ¹				
NAILS: ASTM C 514 nails for the Application of Gypsum Wallboard				
SCREWS: ASTM C 1002 Specification for Steel Drill Screws for Application of Gypsum Board				
NAIL APPLICATION			SCREW APPLICATION	
Wallboard Thickness 1/2"	Nail Length 1 3/8"	Spacing Walls 8" Ceilings 7"	Screw Length 1 1/8"	Spacing Wall ² 16" Ceilings 12"
1. Also refer to local code requirements. 2. Where framing members are spaced 24" oc., screws should be a maximum of 12" oc				

Limited Warranty

Cabot Gypsum expressly warrants the products described herein to be free from defects at the time of shipment. Except for such express warranties, Cabot Gypsum makes no warranty, express or implied, and all warranties of merchantability, fitness for a particular purpose, and other warranties are disclaimed and excluded by Cabot Gypsum. Except for the breach of such express warranties, Cabot Gypsum shall not,

under any circumstances, be liable for any imperfection, deviation from specifications or other defect impairing the quality, value or suitability of any product. In no event shall Cabot Gypsum be liable for consequential, special or contingent damages or other claims or demands, except to the extent of the purchase price of the product, the refund of which shall be the purchaser's exclusive remedy

Any claims by purchaser for defective products must be made in writing within 30 days after the purchaser's receipt of shipment and in all events before installation is commenced. Cabot Gypsum shall have the right at its option to replace or repair any defective products, to refund the purchase price or to grant a reasonable allowance on account of such defects.

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The specifications herein contain the best information we have relating to our products and the recommended uses of our products are based on tests believed to be reliable. These specifications all supersede previous Issues and are subject to change without notice.