

## Type X Core Board

### Product Description

Cabot Type "C" Core Gypsum Board has a core of noncombustible; dimensionally stable gypsum rock sandwiched between layers of 100% recycled ivory colored front paper and a brown back paper. The core is an enhanced Type X which offers superior fire resistance when used in specific Type C assemblies. The face paper is formed along each edge, wrapped around and sealed to the 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.

Cabot Type "C" Core 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 Type "C" Core Gypsum Board can be used for most walls, partitions and ceilings in both new commercial and residential construction and remodeling work.

Cabot Type "C" Core 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, and applicable standards and references.

### Product Specification

Cabot Type C Core 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.
6. 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.

### Product Data

Surface Burning Characteristics: Flame Spread Rating of 5, Smoke Developed 0 per ASTM E 84 or Can/ULC-S102.

Thickness: ½"(12mm), 5/8"(16mm)

Width: 4' (1220 mm)

Lengths: 8' (2440 mm) - 12'(3660mm)

Edges: Tapered, Square

Packaging: Two pieces per bundle, face-to-face and end taped.

Special lengths may be available, consult your nearest Cabot sales office.

### Product Application

Cabot Type "C" 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.

Since Cabot Type "C" Core Gypsum Board is specified in many different fire rated assemblies it is not possible to generalize where a fire rating is required. Each test varies on board direction, number of board layers, framing type or spacing, and fastener type and length. This critical information is detailed in the UL/ULC current Fire Resistant Directories and the applicator shall be governed by the parameters set out. The applicator must also be governed by the ASTM Standards that describe other important factors such as steel framing members, fasteners for both steel and wood, and installation and finishing of the gypsum board panels.

### Board Decoration

Cabot Type "C" Core Gypsum Board is designed to accept most types of paints, texture and wall covering materials. It is recommended to follow the guidelines of ASTM C840 for joint treatment methods and procedures. Painting products to be used shall comply to ASTM C840 and the manufacturers directions shall be adhered to.

### 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.

## Cabot Gypsum Company

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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 supersede all previous issues and are subject to change without notice.

**Submital  
Approvals**

Job Name: \_\_\_\_\_

Contractor: \_\_\_\_\_

Approved: \_\_\_\_\_