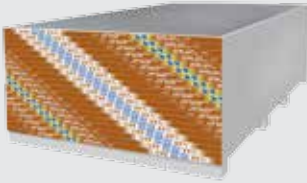




CGC GYPLAP® BRAND TREATED CORE GYPSUM SHEATHING

DATA SHEET



DESCRIPTION

FOR USE ON RESIDENTIAL AND COMMERCIAL CONSTRUCTION

- Available in 12.7 mm (1/2") and 15.9 mm (5/8") thicknesses
- Water-resistant core
- Water repellent paper
- Noncombustible gypsum core adds fire resistance to walls
- 15.9 mm (5/8") CGC Gyplap® Brand Treated Core Gypsum Sheathing Firecode® Core, meets requirements for Type X Gypsum Sheathing

ADVANTAGES

CGC Gyplap Treated Core Gypsum Sheathing is a weather and fire-resistant board designed to combine excellent performance with exceptional economy. It is used in wood and light steel frame construction under many exterior finishes, such as masonry veneer, wood, and composite siding. Its noncombustible gypsum core adds fire safety not available with plywood or wood fibre sheathing. CGC Gyplap Treated Core Gypsum Sheathing has a water-resistant core treatment that is clad in water repellent paper on the face and back surfaces. It is lightweight and easily handled by one person. Panels are 1220 mm (4') wide, 2440 mm (8') long with square edges for horizontal or vertical application.

REDUCES COSTS: CGC Gyplap Treated Core Gypsum Sheathing combines low material cost with fast application to offer lower in place cost than plywood or wood fibre sheathing.

RESISTS WATER, CUTS MOISTURE DAMAGE: While CGC Gyplap Treated Core Gypsum Sheathing provides wind and water resistance, it also has "breather action" that permits water vapour to escape from stud space, protecting framing from moisture buildup.

RESISTS FIRE: Offers excellent resistance to fire because core is noncombustible gypsum. It will not transmit high temperatures until completely calcined. 15.9 mm (5/8") CGC Gyplap Treated Core Gypsum Sheathing Firecode Core, has a Type X designation and is ULC listed for assembly W301.

APPLIES EASILY: Cuts quickly by scoring and snapping. Attaches easily with fasteners. No sawing is necessary.

MINIMIZES WASTE: There is virtually no splintering, shrinkage, or warping with CGC Gyplap Treated Core Gypsum Sheathing. This sheathing cuts easily to simplify fitting around window frames and doors with little waste.

STRENGTHENS: CGC Gyplap Treated Core Gypsum Sheathing forms a strong "outer" wall, braces the framing, and helps resist lateral forces of wind and vibration. CGC Gyplap Treated Core Gypsum Sheathing should not be used as a structural sheathing.

LIMITATIONS

1. CGC Gyplap Treated Core Gypsum Sheathing may be stored outside for up to one month, but must be stored flat, off the ground, and must have a protective covering.
2. Maximum stud spacing is 610 mm (24").
3. When applied to a structure, sheathing must not be left exposed to the elements for more than one month unless the procedure as outlined in Limitation 4 (below) is followed.
4. For curtain wall construction, it is recommended that all gaps resulting from cuts, corners, joints, and machine end cuts of the sheathing be filled with a good grade exterior caulk at the time of erection, to protect the sheathing core from the elements. A 75 mm (3") wide exterior tape can also be used to seal the joints. Apply any horizontal perforated or cut edge with the cut edge down. Compliance with this practice will allow in place exposure time of 6 months. Building felt or equal, attached at time of sheathing erection, properly lapped and immediately anchored, can be used in lieu of an exterior caulk, as described above.
5. Gypsum sheathing is not recommended where it will be in contact with surfaces or exposed to temperatures exceeding 52 °C (125 °F).
6. Use of CGC Gyplap Treated Core Gypsum Sheathing for exterior ceilings and soffits is not recommended. For these applications, use CGC Sheetrock® Brand Mold Tough® (Paper-faced or Glass-mat) or CGC Securock® Brand Glass-Mat Sheathing.

SPECIFICATIONS

PART 1: GENERAL

1.1 SCOPE

Specify to meet project requirements.

1.2 QUALIFICATIONS

All materials, unless otherwise indicated, shall be manufactured by CGC Inc. and shall be installed in accordance with its current printed directions.

1.3 DELIVERY AND STORAGE OF MATERIAL

All materials shall be delivered in their original unopened packages. Store gypsum sheathing flat and off the ground; protect from rain, snow, and excessive moisture; keep free of standing water. Damaged or deteriorated materials shall be removed from the premises.

Warning: Store all gypsum sheathing in a horizontal (flat) position. Panels can fall over, causing serious injury or death if stacked on edge.



PART 2: PRODUCTS

2.1 MATERIALS

- A. CGC Gyplap® Brand Treated Core Gypsum Sheathing
 (i) 12.7 mm (1/2") thick, 1220 mm (4') wide, 2440 mm (8') long with square edges.
 (ii) Firecode® Core, 15.9 mm (5/8") thick, 1220 mm (4') wide, 2440 mm (8') long, with square edges.
 B. Nails. 44 mm (1-3/4"), 11-ga. galvanized roofing nails, 11 mm (7/16") diameter head.
 C. Screws. 32 mm (1-1/4") Type W bugle head, corrosion-resistant (equivalent to cadmium-plated or galvanized), screws for application of sheathing to wood studs.
 D. Screws. 25 mm (1") Type S corrosion-resistant screws for application of sheathing to steel studs.

PART 3: INSTALLATION

3.1 GYPSUM SHEATHING APPLICATION

CGC Gyplap Treated Core Gypsum Sheathing 1220 mm x 2440 mm (4' x 8') shall be applied horizontally or vertically. All joints shall be butted together. For curtain wall construction, ends shall abut over centre of supports, and end joints shall be staggered. CGC Gyplap Treated Core Gypsum Sheathing is to be applied to studs spaced maximum 610 mm (24") o.c.

3.2 GYPSUM SHEATHING APPLICATION

All CGC Gyplap Treated Core Gypsum Sheathing should be covered with a properly lapped water-resistive membrane prior to application of cladding. All cladding should be mechanically fastened through the sheathing to the supports.

- A. **Wood, vinyl, or aluminum siding:** Drive nails through sheathing and into studs for min. penetration of 32 mm (1-1/4") into studs. Butt end joints of siding over centre of studs.
 B. **Wood shingles:** Apply treated or decay-resistant 9.5 mm x 41 mm (3/8" x 1-5/8") wood lath strips over gypsum sheathing. Nail strips through sheathing with 63 mm (2-1/2") nails penetrating into studs. Space shingles according to their intended exposure.
 C. **Masonry veneer:** Provide clear space of at least 50 mm (2") between back of masonry and face of sheathing. Attach masonry ties to wood studs with nails driven through sheathing and into studs. Use nails penetrating at least 32 mm (1-1/4") into studs at least 50 mm (2") common nails. Attach ties to steel studs with 32 mm (1-1/4") Type S pancake head, corrosion-resistant screws. Space ties vertically to conform to coursing of masonry veneer. (Consult the recommendations of the masonry industry for spacing and gauge of masonry anchor clips.)

PRODUCT DATA

Dimensions	Regular	12.7 mm (1/2") thick, 1220 mm (4') wide, 2440 mm (8') long
	Firecode®	15.9 mm (5/8") thick, 1220 mm (4') wide, 2440 mm (8') long
Weight	Regular	8.7 kg/m ² (1.8 lb./ft. ²)
	Firecode	11.4 kg/m ² (2.3 lb./ft. ²)
Edges		Square
Face and Back Finish		Brown, water repellent paper
Packaging		2 panels per bundle

COMPLIANCE

Meets standards ASTM C1396 and CAN/CSA-A82.27-M.
 Surface Burning Characteristics: CAN/ULC S102, flame spread 20; smoke developed 0.

PRODUCT INFORMATION

See cgcinc.com for the most up-to-date product information.

TRADEMARKS

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NOTE

Products described here may not be available in all geographic markets. Consult your CGC sales office or representative for information. Since methods and conditions of application and use are beyond our control, our warranties of FITNESS and MERCHANTABILITY, and any other warranties,

express or implied (including warranty against latent defects), made in connection with the sale of these products and systems, SHALL NOT BE EFFECTIVE OR ACTIONABLE UNLESS the products and systems are applied according to our current printed directions and specifications.

SAFETY FIRST!

Follow good safety and industrial hygiene practices during handling and installing of all products and systems. Take necessary precautions and wear the appropriate personal protective equipment as needed. Read material safety data sheets and related literature on products before specification and/or installation.

