CGC
Interior
Panel &
Finishing
Solutions

SUBMITTAL SHEET

CGC SHEETROCK® BRAND
GYPSUM PANELS

9.5 mm (3/8 in.) panels for interior wall and ceiling applications

- 9.5 mm (3/8 in.) panels are recommended in single- or double-layer wood- or steel-framed wall and ceilings, as an additional layer for improving sound control, and as a face layer for use over old wall and ceiling surfaces
- Comply with ASTM C1396, *Standard Specification for Gypsum Board*, for 9.5 mm (3/8 in.) gypsum wallboard
- Underwriters Laboratories Inc. (cUL) Classification as to surface-burning characteristics and noncombustibility
- Achieved GREENGUARD Gold Certification and qualifies as a low VOC emitting material (meets CA 01350)

DESCRIPTION

Available in 9.5 mm (3/8 in.) thickness, CGC Sheetrock® Brand Gypsum Panels feature a noncombustible gypsum core that is encased in 100% recycled face and back papers that form a high strength composite design. The face paper is folded around the long edges to reinforce and protect the core, and the ends are cut square and even. The long edges of the panels are tapered, allowing joints to be reinforced and concealed with CGC Sheetrock® or Synko® Brand joint treatment systems.

INTENDED FOR

- Commercial or residential applications where 9.5 mm (3/8 in.) panels are desired
- New or repair and remodel construction
- Wood- or steel-framed wall and ceiling applications
- 3/8 in. (9.5 mm) panels are recommended in single- or double-layer wood- or steel-framed wall and ceilings, as an additional layer for improving sound control, and as a face layer for use over old wall and ceiling surfaces
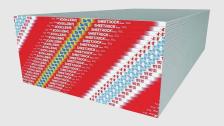
LIMITATIONS

1. Avoid exposure to sustained temperatures exceeding 52°C (125°F).
2. Avoid exposure to excessive, repetitive or continuous moisture before, during and after installation. Eliminate sources of moisture immediately.
3. Must be stored off the ground and under cover in accordance with Gypsum Association's GA-801, *Handling and Storage of Gypsum Panel Products*.

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For maximum framing spacing in non-fire-resistance-rated applications of gypsum panel products, refer to Gypsum Association's GA-216, *Specifications for the Application and Finishing of Gypsum Panel Products* or ASTM C840, *Standard Specification for Application and Finishing of Gypsum Board*. For installation recommendations for curved surfaces, refer to Gypsum Association's GA-226, *Application of Gypsum Board to Form Curved Surface.*

Maximum Framing Spacing for Single-Layer Application

Location	Gypsum Panel Thickness	Gypsum Panel Orientation to Framing	Maximum Framing Spacing OC
Ceilings	3/8 in. (9.5 mm)[1,2]	Parallel	Not recommended
		Perpendicular	406 mm (16 in.)
Walls	3/8 in. (9.5 mm)	Parallel	406 mm (16 in.)
		Perpendicular	406 mm (16 in.)

Maximum Framing Spacing for Multi-Layer Application Without Adhesive Between Layers

Location	Gypsum Panel Thickness	Gypsum Panel Orientation to Framing	Maximum Framing Spacing OC
Ceilings	3/8 in. (9.5 mm)[1,3]	Parallel	Not recommended
		Perpendicular	406 mm (16 in.)
Walls	3/8 in. (9.5 mm)	Parallel	406 mm (16 in.)
		Perpendicular	406 mm (16 in.)

Notes:
1. On ceilings to receive water-based texture material, panel thickness shall be increased from 9.5 mm (3/8 in.) to 12.7 mm (1/2 in.) for 406 mm (16 in.) OC framing spacing. See Appendix A.3 of Gypsum Association's GA-216, *Specifications for the Application and Finishing of Gypsum Panel Products* for more information.
2. 9.5 mm (3/8 in.) gypsum wallboard shall not be applied to ceilings where the gypsum board supports thermal insulation.
3. For double-layer ceilings, adhesive must be used to laminate 9.5 mm (3/8 in.) gypsum wallboard.

FINISHING AND DECORATING

For high-quality finishing results, CGC recommends CGC Sheetrock® or Synko® Brand interior finishing products.

Painting products and systems should be used that comply with recommendations and requirements in Appendices of ASTM C840. For priming and decorating with paint, texture or wall covering, follow manufacturer's directions for materials used. Gypsum Association's GA-214, *Recommended Levels of Finish for Gypsum Board, Glass Mat and Fiber-Reinforced Gypsum Panels* should be referred to in order to determine the level of finishing needed to ensure a surface properly prepared to accept the final decoration.

All surfaces, including applied joint compound, must be thoroughly dry, dust-free and not glossy. Prime with CGC Sheetrock® Brand First Coat™ Primer, Synko® Brand Pre-Coat™ Drywall Surface Equalizer or with an undiluted, interior latex flat paint with high-solids content. Allow to dry before decorating.

To improve fastener concealment where gypsum panel walls and ceilings will be subjected to critical artificial or natural lighting, or will be decorated with a gloss paint (eggshell, semigloss or gloss), the gypsum panel should be skim coated with joint compound. This equalizes suction and texture differences between the drywall face paper and the finished joint compound before painting. As an alternative to skim coating, or when a Level 5 finish is required, use CGC Sheetrock® Brand Tuff-Hide™ Primer-Surfacer. See *CGC Sheetrock® Brand Tuff-Hide™ Primer-Surfacer Submittal Sheet* (JC0156) for limitations and application instructions.

For more information, refer to CGC literature, *Finishing & Decorating Gypsum Panels White Paper* (J2010).

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Property		Test Method	Requirement	CGC Sheetrock® Brand Gypsum Panels
Noncombustibility		CAN/ULC-S114	Noncombustible	Meets
Surface-burning characteristics	Flame spread	CAN/ULC-S102	Flame Spread Index, not greater than 25	15
	Smoke developed	CAN/ULC-S102	N/A[4]	0
Core hardness	Field	ASTM C473 (B)	Not less than 11 lbf (49 N)[4]	Meets
	End	ASTM C473 (B)	Not less than 11 lbf (49 N)[4]	Meets
	Edge	ASTM C473 (B)	Not less than 11 lbf (49 N)[4]	Meets
Flexural strength	Parallel	ASTM C473 (B)	Not less than 26 lbf (116 N)[4]	Meets
	Perpendicular	ASTM C473 (B)	Not less than 77 lbf (343 N)[4]	Meets
Humidified deflection		ASTM C473	Not greater than 1-7/8 in (48 mm)[4]	Meets
Nail pull resistance		ASTM C473 (B)	Not less than 56 lbf (249 N)[4]	Meets

Note:
4. Per ASTM C1396 for 9.5 mm (3/8 in.) gypsum wallboard.

PRODUCT DATA

Thickness	9.5 mm (3/8 in.)
Lengths[5]	2438 (8 ft.)
Width	1219 mm (4 ft.)
Weight[6], nominal	6.8 kg/sq. m. (1.4 lb./sq. ft.)
Edges	Tapered
Packaging	Two panels per bundle

Notes:
5. Other sizes available by special order. Check with your local CGC representative for availability.
6. Represents approximate weight for design and shipping purposes. For specific product weight in your area, contact your local CGC representative or call the Customer Service Center at 800 387-2690 (English) or 800 361-1310 (French).

COMPLIANCE

- Comply with ASTM C1396 for 9.5 mm (3/8 in.) gypsum wallboard
- cUL Classification as to surface-burning characteristics and noncombustibility
- Achieved GREENGUARD Gold Certification and qualifies as a low VOC emitting material (meets CA 01350)

SUBMITTAL APPROVALS

Job Name	
Contractor	**Date**

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

GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg.

CAUTION
Dust may cause irritation to eyes, skin, nose, throat and upper respiratory tract. Cut and trim with a utility knife or hand saw to minimize dust levels. Power tools must be equipped with a dust collection system. Wear eye, skin and respiratory protection if necessary. If eye contact occurs, flush thoroughly with water for 15 minutes. If irritation persists, call a physician. Do not swallow. If swallowed, call a physician. For more information please visit cgcinc.com to view the Safety Data Sheet (SDS).
KEEP OUT OF REACH OF CHILDREN

TRADEMARKS
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NOTE
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NOTICE
We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.

SAFETY FIRST!
Follow good safety and industrial hygiene practices during handling and installation of all products and systems. Take necessary precautions and wear the appropriate personal protective equipment as needed. Read Safety Data Sheets and related literature on products before specification and/or installation.

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