



# CGC SHEETROCK® BRAND SETTING-TYPE JOINT COMPOUNDS

## DATA SHEET

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### DESCRIPTION

#### FOR ONE DAY DRYWALL FINISHING

- Weighs 25% less than conventional setting-type compounds
  - Sanding ease similar to a ready-mixed, all-purpose joint compound
  - Unique humidity resistance
  - Exceptional bond with low shrinkage
  - Choice of setting times
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CGC Sheetrock® Brand Setting-Type Joint Compounds are nonasbestos, chemically setting compounds for interior gypsum panels and can be used to finish joints on approved panels for exterior ceiling applications, permit same day joint finishing and usually next day decoration. Compounds are lightweight for easy handling and sand easily for fast, smooth finishing. They are ideal for heavy fills and are virtually unaffected by humidity. They provide low shrinkage and superior bond, which makes them excellent for laminating gypsum panels to gypsum panels, to sound deadening boards and to above-grade concrete surfaces. In addition, they can be used for filling, smoothing and finishing interior concrete ceilings and above-grade concrete; for taping and finishing CGC Sheetrock® Brand Gypsum Panels.

To meet varying job requirements, a full line has been developed to provide a choice in setting times. The suffix number identifying each joint compound indicates an approximate setting time. For example, CGC Sheetrock® 90 sets in approximately 85-130 minutes. Other setting times available are 5 (8-12 minutes); 20 (20-30 minutes); and 45 (30-80 minutes).

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### ADVANTAGES

**LIGHTWEIGHT FORMULA:** Weighs 25% less than conventional setting-type joint compounds. Handling and application are simpler, easier and faster.

**EASY SANDING:** Unlike conventional setting-type joint compounds, these compounds sand easily—similar to ready-mixed, all-purpose joint compounds. Joint finishing is faster, easier and smoother.

**SAVES TIME AND MONEY:** These compounds provide important labour and material cost reductions. One day finishing with next day decoration ensures rapid job completion and earlier occupancy. Choice of setting times aids work flow.

**QUICKLY MIXED FOR IMMEDIATE USE:** Easy to mix. Simply combine with water and stir. Compounds are applied after short soaking period and remixing.

**RESISTS SHRINKAGE AND EDGE-CRACKING:** Compounds tolerate small amounts of excess water that would otherwise cause delayed shrinkage. Fill and finish coats can be applied when compound is hard but still damp, with minimum danger of delayed shrinkage and cracking.

**RESISTS HUMIDITY CHANGES:** Setting rates are virtually unaffected by high-humidity or changes in humidity. Application can be made in damp weather when drying-type compounds would delay job completion.

**MULTIPLE USE:** Compounds are also excellent for patching and smoothing interior drywall and concrete surfaces because they provide superior bond, low shrinkage and fast setting action.

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### LIMITATIONS

1. Setting action cannot be delayed or prevented by dilution with water.
  2. Not to be applied over moist surfaces or surfaces likely to become moist, or on below-grade surfaces or surfaces projecting outside building structure unless protected from direct exposure to moisture.
  3. Before using over new interior concrete surfaces, allow concrete to age 60 days or more. Remove protrusions, ridges, form or parting oils, grease and efflorescence.
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**DIRECTIONS**

**PREPARATION**

In cold weather during gypsum panel joint finishing, minimum surface, water, mix and air temperature of 13 °C (55 °F) must be ensured until joints are completely dry. Adequate ventilation shall be provided to carry off excess moisture.

**GYPSUM  
PANEL JOINT  
TREATMENT**

Position and apply CGC Sheetrock® Brand Gypsum Panels in accordance with manufacturer’s recommendations. Mix compound according to directions on bag. If using CGC Sheetrock® Gypsum Panels SW Edge, prefill the “V” grooves formed by abutting tapered eased edges of the panels with CGC Sheetrock® Brand Setting-Type Joint Compound 45 or 90. Apply compound directly over “V” groove with a flexible 125 mm or 150 mm (5” or 6”) joint finishing knife. Wipe off excess compound that is applied beyond the groove. Allow prefill compound to harden prior to the next application (tape-embedding coat).

Cover joint with a thin layer of compound and embed tape, leaving about 0.8 mm (1/32”) of compound under feathered edge and a thin layer over the tape. After compound has set, apply second coat, feathering out approximately 50 mm (2”) beyond first coat. After setting, apply third coat, feathering out 50 mm (2”) beyond second coat. After each coat is applied, smooth away any tool lap marks or other imperfections prior to hardening action. Finish fastener heads with three coats of joint compound; finish corner bead and inside corners as required with at least two coats, feathered and smoothed out onto panel faces.

For priming and decorating with paint, texture, or wallcovering, follow manufacturer’s directions for materials used. All surfaces must be dry, dust-free and not glossy. A prime coat of CGC First Coat Drywall Paint or a good quality interior latex flat wall paint with high-solids content should be applied undiluted and allowed to dry before decorating. Walls to be covered with wallpaper or vinyl wallcovering should be sealed per manufacturer’s recommendations. To obtain a Level 5 finish, apply a skim coat of joint compound or apply CGC Sheetrock® Brand Tuff-Hide™ Primer-Surfacer. (A Level 5 finish effectively minimizes joint and fastener telegraphing to provide the most uniform final finish. Joint and fastener telegraphing is accentuated under critical lighting conditions and/or when surfaces are finished with a gloss or semi-gloss paint).

**FILLING AND  
FINISHING  
OVER INTERIOR  
POURED  
CONCRETE  
CEILINGS**

Grind high-plane differences in concrete level with adjacent area; also remove any form oil, efflorescence and greasy deposits. Prime exposed metal with a good rust inhibitive primer. Fill offsets or voids with joint compound. Apply additional coats of joint compound as necessary, after each coat has set, but not necessarily dried. After the final coat of joint compound has dried, apply an undiluted coat of CGC First Coat Drywall Paint or a good quality latex flat wall paint with high-solids content over entire surface and allow to dry. For textured ceiling, apply CGC Sheetrock® Brand Ceiling Spray Texture in a uniform coat at a rate not exceeding 2 m<sup>2</sup>/kg (10 ft.<sup>2</sup>/lb.).

**EXTERIOR  
CEILING JOINT  
TREATMENT**

Mix joint compound according to directions on the bag. Do not overmix or use at temperatures below 13 °C (55 °F). Prefill tapered edges of joints of CGC Sheetrock®/Securock® Brand panels approved for exterior application with CGC Durabond® Brand Setting-Type Joint Compound. After prefill has set, embed CGC Joint Tape centered over joint. When compound has set, immediately apply fill coat. Apply compound over flanges of zinc control joints, corner beads and metal trim. Spot fastener heads. After fill coat has set, apply finishing coat of compound. Completely cover all joints, angles, beads, control joints and fasteners. After the compound has dried, apply one coat of a good quality oil or latex exterior primer. Then follow with at least one coat of a good quality latex exterior paint.

**LAMINATING**

Apply joint compound in the prescribed manner to back of face panels to be laminated. Laminate face panels to base layer panels using moderate pressure and temporary nailing or shoring to ensure adequate bond.

**FINISHING**

For painting and decorating, follow manufacturer’s directions for materials used.





**PRODUCT DATA**

<b>Colour</b>	Natural
<b>Binder</b>	Vinyl
<b>Filler</b>	Calcium Sulfate
<b>Dilution (water)</b>	Approx. 6 to 7.5 L/11 kg (10.5 to 13 pts./24 lb.), approx. 3 parts powder to 1 part water by volume. Refer to bag for specific water dilution directions.
<b>Density (dry bulk)</b>	513 kg/m <sup>3</sup> (32 lb./ft. <sup>3</sup> )
<b>Freezing sensitivity</b>	None after set, but not necessarily dry
<b>Coverage</b>	Average 25.3 kg/100 m <sup>2</sup> (52 lb./1000 ft. <sup>2</sup> ) of gypsum panels
<b>Shelf Life</b>	Up to 6 months under protected storage conditions
<b>Storage</b>	Close opened bags as airtight as possible. Store in cool, dry place.
<b>Packaging</b>	11 kg (24 lb.) bags for CGC Sheetrock® Brand Setting-Type Joint Compound 20, 45, 90; 1.25 kg (2.5 lb.) bags for CGC Sheetrock® Setting-Type Joint Compound 5, 20, 90

**COMPLIANCE**

Meets ASTM standard C475.

**PRODUCT INFORMATION**

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

**WARNING**

Spraying mist or dust created from product may cause eye, skin, nose, throat, or upper respiratory irritation. Coating VOC = less than 55 g/L. Avoid inhalation of mist or dust. Use in a well-ventilated area. Wear a NIOSH/MSHA approved respirator when dusty, misty, or if spray applying. Use proper ventilation to reduce mist/dust exposure. Prolonged and repeated exposure to respirable

crystalline silica may cause lung disease. Wear eye protection. If contact occurs, immediately flush thoroughly with water for 15 minutes. If irritation persists, call physician. Wear long sleeved work clothing to prevent skin irritation. Wash thoroughly with soap and water after use. Do not ingest. If ingested, call physician.

**KEEP OUT OF REACH OF CHILDREN**

**TRADEMARKS**

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**NOTE**

Products described here may not be available in all geographic markets. Consult your CGC Inc. sales office or representative for information.

**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/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read MSDS and literature before specification and installation.

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