



CGC SYNKO® BRAND PRO-SET LITE SAND SETTING-TYPE JOINT COMPOUNDS DATA SHEET



DESCRIPTION

FOR ONE DAY DRYWALL FINISHING

- Weighs 30% less than conventional setting-type compounds
- Unique humidity resistance
- Exceptional bond with very low shrinkage
- Choice of setting times

CGC Synko® Brand Pro-Set Lite Sand Ultra Light-Weight Setting Drywall Compounds are nonasbestos, chemically setting compounds for interior and exterior drywall ceilings that 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.

CGC Synko® Pro-Set Compounds provide very low shrinkage and good 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; taping and finishing CGC Sheetrock® Brand Gypsum Panels.

To meet varying job requirements, CGC Synko® Pro-Set Compounds have been developed to provide a choice in setting times. The suffix number identifying each joint compound indicates an approximate setting time. CGC Synko® Pro-Set 90 will set in approximately 75 to 90 minutes and CGC Synko® Pro-Set 30 will set in approximately 20 to 30 minutes.

ADVANTAGES

EASY SANDING: Unlike conventional setting-type joint compounds, CGC Synko® Pro-Set Compounds are easy to sand. 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: CGC Synko® Pro-Set Compounds are also excellent for patching and smoothing interior drywall and concrete surfaces because they provide exceptional bond, very low shrinkage and fast setting action.

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.

DIRECTIONS

PREPARATION

In cold weather during gypsum panel joint finishing, minimum surface, water, mix and air temperature of 10 °C (50 °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® 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 Synko® Pro-Set 30 or 90 Compounds. 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. It is recommend that all joints, fasteners and beads be sanded before decorating. Remove any sanding dust from surfaces.



DECORATING

Painting products and systems should be used which 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 GA-214, *Recommended Specification for Levels of Gypsum Board Finish*, 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 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 severe artificial or natural side lighting, or be decorated with a gloss paint (egg shell, semi-gloss or gloss), the gypsum panel surface 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 by CGC.

FILLING AND FINISHING OVER INTERIOR POURED CONCRETE

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 a CGC Synko® Primer or a good quality latex flat wall paint with high-solids content over entire surface and allow to dry. For textured ceilings, apply a CGC Synko® Brand Ceiling Spray Texture in a uniform coat.

EXTERIOR CEILING JOINT TREATMENT

Mix joint compound according to directions on the bag. Do not overmix or use at temperatures below 7 °C (45 °F). Pre-fill tapered edges of CGC Sheetrock® or CGC Securock® Brand Panels approved for exterior application with compound. After prefill has set, embed CGC Synko® Brand Drywall 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

Colour	Natural
Binder	Vinyl
Filler	Calcium Sulfate
Dilution (water):	Approx. 1.1 L/ kg. Refer to bag for specific water dilution directions.
Density (dry bulk)	400 kg/m ³
Freezing Sensitivity	None
Coverage	Average 24.4 kg/100 m ² of gypsum panels
Storage	Close open bags as airtight as possible and store in a dry place
Shelf Life	Up to six months under protected storage conditions
Packaging	CGC Synko® Pro-Set 90 Ultra Light-Weight Setting Drywall Compound, 9 kg bag CGC Synko® Pro-Set 30 Ultra Light-Weight Setting Drywall Compound, 5 kg bag

COMPLIANCE

Meets ASTM Standard C475.



Manufactured by:
CGC Inc.
350 Burnhamthorpe Rd. W, 5th Floor
Mississauga, ON L5B 3J1

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

WARNING
Dust generated from sanding product may cause eye, skin, nose, throat or respiratory irritation. Use wet-sanding to avoid creating dust. Avoid inhalation of dust and eye contact. If dusty, wear a NIOSH/MSHA approved respirator. Provide good general ventilation and local exhaust ventilation to avoid excessive amounts of dust. Wear eye protection. If eye contact

occurs, flush thoroughly with water for 15 minutes. If irritation persists, call physician. Do not ingest. If ingested, call physician. Do not use if material has spoiled, i.e., there is a mouldy appearance or an unpleasant odour. Close container and discard properly.

KEEP OUT OF REACH OF CHILDREN

TRADEMARKS
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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.

