

CGC SYNKO® BRAND PRO-SET® SETTING-TYPE DRYWALL COMPOUNDS



For one-day drywall finishing

- For interior gypsum panels and exterior gypsum ceiling boards
- Sanding ease similar to a ready-mixed, all-purpose drywall compound
- Unique humidity resistance
- Exceptional bond with low shrinkage
- Crack resistance in heavy fills
- Easy mixing with smooth finishing

CGC Synko® Brand Pro-Set® Setting-Type Drywall Compounds are chemically setting compounds for drywall interiors and exteriors 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 extreme humidity. They provide low shrinkage and superior bond, which makes them excellent for laminating gypsum panels to gypsum panels and to sound-deadening boards. In addition, they can be used for filling, smoothing and finishing interior concrete ceilings and above-grade concrete; and for finishing joints in exterior gypsum ceiling boards.

PROFESSIONAL GRADES AND USES

To meet varying job requirements, a full line has been developed to provide a choice in setting times. The suffix number identifying each product indicates an approximate setting time.

Product	Working Time (mins.)	Setting Time (mins.)
CGC Synko® Brand Pro-Set® 30	15	20-30
CGC Synko® Brand Pro-Set® 90	60	65-85

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.
4. Prior to using any epoxy coating over any surface treated with drywall compound, consult the epoxy coating manufacturer and follow manufacturer's specific recommendations regarding the preparation or suitability of substrates for the epoxy coating. Many epoxy coatings exert significant shear stress on the substrate as the strong epoxy film shrinks while curing/drying. This stress can cause the bond of the drywall compound to fail, resulting in delamination problems.
5. Do not use setting-type drywall compounds for thin skim coats.
6. If setting-type drywall compound dries before it sets, bond failure may result.
7. Not to be mixed or combined with other products except for USG Standard Strength Accelerator or Retarder. Temperature of mixing water can affect setting times. Typically, cold water (below 13°C / 55°F) can increase and, inversely, hot water can decrease setting times.
8. Not recommended for use in mechanical tools.
9. Setting time is a range that can be affected by temperature, relative humidity and wet-thickness. Application to porous surface or at less than 3 mm (1/8 in.) thickness may prevent chemical setting and bond.

DIRECTIONS

MIXING

In cold weather during gypsum panel joint finishing, minimum surface, water, mix and air temperature of 7°C (45°F) must be ensured until joints are completely dry. Adequate ventilation shall be provided to carry off excess moisture. Mix what can be used within the working time. Use a clean container for each batch. Add 9 kg bag into approx. 7.5–7.8 L (7.9–8.2 qt.) clean water. Mix 1 minute or until smooth, scrape container sides. Add water if needed and remix approx. 1 minute or to preferred consistency. Do not retemper or mix with any other material.

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® Brand Gypsum Panels, SW Edge, prefill the "V" grooves formed by abutting tapered eased edges of the panels with CGC Synko® Brand Pro-Set® Setting-Type Drywall Compound. Apply compound directly over "V" groove with a flexible 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 in.) of compound under feathered edge and a thin layer over the tape. After compound has set, apply second coat, feathering out approximately 5 cm (2 in.) beyond first coat. After setting, apply third coat, feathering out 5 cm (2 in.) beyond second coat. After each coat is applied, smooth away any tool lap marks or other imperfections prior to hardening action. 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 Synko® Brand T.I.P.S.™ (Total Interior Primer Sealer) or a good quality interior latex flat wall paint 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 improve fastener concealment where gypsum panel walls and ceilings will be subjected to severe artificial or natural side lighting and be decorated with a gloss paint (eggshell, semigloss, or gloss), the gypsum panel surface should be skim-coated with ready mix CGC Synko® Brand Lite Line™ All Purpose Drywall Compound or CGC Synko® Brand Classic All Purpose® Drywall Compound to equalize suction before painting (see publication EWB2625).

FILLING AND FINISHING OVER INTERIOR POURED 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 drywall compound. Apply additional coats of drywall compound as necessary, after each coat has set, but not necessarily dried. After the final coat of drywall compound has dried, apply an undiluted coat of Synko® Brand T.I.P.S.™ (Total Interior Primer Sealer) or a good quality flat latex drywall primer with high pigment solids over entire surface and allow to dry.

EXTERIOR JOINT TREATMENT

Mix drywall compound according to directions on the bag. Do not overmix or use at temperatures below 7°C (45°F). Prefill joints of Exterior Gypsum Ceiling Board with compound. After prefill has set, embed CGC Synko® Brand Paper Joint Tape centered over joint. When compound has set, immediately apply fill coat. Apply compound over flanges, 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 exterior primer. Then follow with at least one coat of a good quality exterior paint.

LAMINATING

Apply drywall 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): Approximately 7.5–7.8 L (7.9–8.2 qt.)/9 kg (19.8 lb.). Refer to bag for specific water dilution directions.

Density (dry bulk): 513 kg/m³ (32 lb./ft.³).

Freezing Sensitivity: None after set, but not necessarily dry.

Coverage: Average 25.3 kg/100 sq. m (52 lb./1,000 sq. ft.) of gypsum panels.

Compliance with Standards: Meet ASTM Standard C475.

Storage: Close open bags as tightly as possible and store in a dry place.

Shelf Life: Up to 12 months in controlled environmental conditions. Exposure to moisture or humidity during storage may have an adverse impact on product performance.

Packaging: 9 kg (19.8 lb.) bags.

SUBMITTAL APPROVALS

Job Name	
Contractor	Date

PRODUCT INFORMATION

See cgcinc.com for the most up-to-date product information and Safety Data Sheet (SDS).

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.

TRADEMARKS

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NOTE

Products described here may not be available in all geographic markets. Consult your CGC sales representative for information. The information in this document is subject to change without notice. CGC assumes no responsibility for any errors that may inadvertently appear in this document.

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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