



CGC SYNKO® BRAND FAST SET SETTING-TYPE JOINT COMPOUNDS

DATA SHEET



DESCRIPTION

FOR ONE DAY DRYWALL FINISHING

- Unique humidity resistance
- Exceptional bond with virtually no shrinkage
- Hard, durable finish

CGC Synko® Brand Fast Set Joint Compound is a nonasbestos, chemically setting powder compound for interior and exterior drywall ceilings that permits same day joint finishing and usually, next day decoration. CGC Synko® Fast Set Setting-Type Joint Compound is also ideal for heavy fills and is virtually unaffected by humidity. It provides low shrinkage and exceptional bond, which makes it excellent for laminating gypsum panels to gypsum panels, to sound deadening boards, and to above-grade concrete surfaces. In addition, CGC Synko® Fast Set can be used for filling, smoothing and finishing interior concrete ceilings and above-grade concrete, and for taping and finishing CGC Sheetrock® Brand Gypsum Panels. Other uses include finishing joints in exterior gypsum ceiling boards and pre-setting joints of veneer plaster finish systems.

Approximate setting time for CGC Synko® Fast Set compound is from 45 to 90 minutes.

ADVANTAGES

SAVES TIME AND MONEY: Provides important labour and material cost reductions. One day finishing with next day decoration ensures rapid job completion and earlier occupancy.

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

RESISTS SHRINKAGE AND EDGE-CRACKING: Compound tolerates 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 is 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® Fast Set compound is also excellent for patching and smoothing interior drywall and concrete surfaces because it provides exceptional bond, low shrinkage and fast setting action.

LIMITATIONS

1. CGC Synko® Fast Set compound is more difficult to sand after drying than conventional drying-type compounds and should be smoothed before set or while in a damp but set state.
2. Setting action cannot be delayed or prevented by dilution with water.
3. 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.
4. Before using CGC Synko® Fast Set compound over new interior concrete surfaces, concrete should 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® 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 Synko® Fast Set compound. Apply compound directly over "V" groove with a flexible 120 mm or 150 mm (5" or 6") joint finishing knife. Wipe off excess compound that is applied beyond the groove. Allow the 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 approximately 50 mm (2") beyond second coat. After each coat is applied, smooth away any tool lap marks or other imperfections prior to setting 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 recommended 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 Primer 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-Surfer by CGC.

USE WITH VENEER PLASTER

Apply according to normal procedure. However, when building temperature/humidity conditions may result in rapid drying, or when steel-framed systems at 610 mm (24") o.c. with single-layer gypsum base and single-coat veneer plaster finish are specified in either rapid or normal drying conditions, use CGC Synko® Brand Drywall Joint Tape embedded with CGC Synko® Brand Fast Set compound. A fill or cover coat that completely hides the tape is required. This cover coat must be allowed to set and dry before plastering. Plaster pre-fill is not required over CGC Synko® Fast Set compound.

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 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 ceiling, apply a CGC Synko® ceiling spray texture in a uniform coat.

EXTERIOR CEILING JOINT TREATMENT

Mix joint compound according to directions on the bag. Do not over mix or use in temperatures below 10 °C (50 °F). Pre-fill tapered edges of CGC Sheetrock® or CGC Securock® Brand Panels approved for exterior application with compound. After pre-fill has set, embed CGC/Synko® Brand 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. 4L/7.5 kg. Refer to bag for specific water dilution directions.
Freezing Sensitivity	None
Coverage	Average 35 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® Fast Set Quick Setting Drywall Compound, 7.5 kg bag

COMPLIANCE

Meets ASTM standard C475.



Manufactured by:
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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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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.

