

Cover Coat® Compound



For smoothing and finishing interior concrete surfaces

- For fill and finish coats over most concrete; also for drywall tape and bead embedment
- No extra bonding agent required
- Dries to a white surface

Description

COVER COAT® compound is a premium grade product designed for filling and smoothing monolithic interior concrete ceilings and columns located above-grade. Factory mixed for consistently high quality and smooth application, COVER COAT compound is easily applied with drywall tools.

COVER COAT compound provides an excellent bond that resists flaking, chipping and scuffing. COVER COAT compound dries to a fine, white surface; usually no further decoration is necessary on non-contact areas. COVER COAT compound is not washable unpainted and may be decorated if desired. May also be used for embedding drywall tape; for first fill coat on metal bead, trim and fasteners; texturing; and for skim-coating drywall.

Limitations

1. Protect container from freezing and extreme heat.
2. Do not apply over moist surfaces or surfaces likely to become moist (by condensation or otherwise), on below-grade surfaces, on surfaces that project outside the building, or on other areas that might be subject to moisture, freezing, efflorescence, pitting or popping.
3. Prior to using any epoxy coating, consult the epoxy coating manufacturer and follow manufacturer's specific recommendations regarding the preparation or suitability of COVER COAT compound for the epoxy coating.

Surface Preparation

In cold weather, temperatures within the building shall be maintained at a minimum of 55 °F (13 °C). Adequate ventilation shall be provided to carry off excess moisture. Prepare concrete surfaces by removing any major protrusions or ridges. New concrete should age 60 days or more. Remove any form or parting oils, grease or efflorescence. Fill deep voids or offsets with SHEETROCK® brand DURABOND® setting-type joint compound or SHEETROCK® EASY SAND™ lightweight setting-type joint compound, then apply a skim coat of COVER COAT compound over those areas after the joint compound has hardened but not necessarily dried. All surfaces must be dry, clean and sound before applying COVER COAT compound. Prime any exposed metal with a good rust-inhibitive primer. Mix compound lightly and test apply. Add small amounts of water if required.

Smooth Application

Use for large areas prior to installation of partitions. COVER COAT compound can be applied with a drywall flat finisher box, joint knife, roller or airless spray equipment.

Roller

Use paint pan or large pail. Paint roller 1/4" to 1" nap and with handle long enough to work from floor. Short nap gives lower stipple with coarse pattern. To smooth out roller-applied COVER COAT compound, finish surface with a wide-blade finishing knife or rubber squeegee. When thoroughly dry, sand to a smooth, level surface.
Water directions: One to 1-1/2 gal. (3.8 to 5.7 L) per 61.7 lbs. (28 kg); 3/4 to 1-1/4 gal. (2.8 to 4.8L) per 48 lbs. (21.7 kg).

Airless Spray

	Graco	Titan
Pump	Mark V™	PowrTwin™ 12000 GHD Speeflo PowrTwin™ 8900 GHD
Tip Size (orifice)	.025-.031	.027-.031
Manifold Filler	30 mesh	5 mesh
Pressure at Tip	2500 to 3000 psi	
Hose	3/8" I.D. high tensile-strength hose (airless)	

Water direction for spray: Up to 2 gal. (7.6 L) per 61.7 lbs. (28 kg); up to 1.5 gal. (5.7 L) per 48 lbs. (21.7 kg)



Steps to Achieve a Flat Finish

On ceilings, apply first coat with drywall flat finisher box, joint knife, longnap roller or airless sprayer, leveling ridges or lips in concrete. When coating entire area, keep moving in one direction and overlap previous application. Level and smooth surfaces before compound dries. When first coat is dry, sand to a smooth, level surface and remove sanding dust. Apply second coat perpendicular to first coat. Apply third coat in the same method as the second coat, smoothing carefully before surface hardens. When thoroughly dry, sand to a smooth, level surface. Very rough or uneven surfaces may require more than three coats. Also, air transfer from concrete may create air craters in COVER COAT compound, which may require application of more than three coats for a satisfactory surface. Apply additional coats as described for second-coat application.

On columns, apply COVER COAT compound generously to adjoining edges of the concrete column about 3" to 4" on each side, the length of the column. If corner bead is required, align and seat SHEETROCK® paper faced metal bead into freshly applied COVER COAT compound, and wipe down flanges. Let compound dry, then apply successive coats, feathering out slightly beyond each coat until flanges are filled and smoothed. Let each coat dry before next application. Apply sufficient coats to make column surfaces smooth and level.

Texture Application

COVER COAT compound can be used for a variety of texture finishes. Mix with water and/or sand. Use very fluid mix for fine texture, less fluid for coarse effects; add sand for aggregate effects. Prior to texturing, apply a prime coat of SHEETROCK® TUFF-HIDE™ primer-surfacer, SHEETROCK® First Coat primer, or a good-quality, undiluted interior latex flat wall paint with high solids content over the entire surface and allow to dry.

Hand Texture A variety of textures can be achieved by using a joint knife, trowel, brush, roller or other tool and further manipulating the material with the same or different tool. For further variation, flatten raised portions of the wet material.

Sand Texture Effect Add one part 60-100 mesh, washed, white sand to approximately two parts COVER COAT compound, generally applied as a second coat. Vary mix and finish by using up to one part sand to one part COVER COAT compound.

For any texture finish, provide a job-applied sample for approval before starting job.

Spray Equipment

A variety of equipment is available. Match spray equipment to job size and time requirements. Small jobs can be completed with a hand-held hopper with separate air compressor or other small pump/compressor machines.

For rapid application and high production, use a piston pump (7:1 or higher) or rotor stator pump matched to a compressor of adequate size. Use a pole gun with 3/8" nozzle. For greater pattern control, use a Binks® 18D, 7E2 or similar spray gun with appropriate nozzle and fan cap.

Spray equipment varies, so follow the equipment manufacturer's directions. Use the following settings as a starting point. Adjust according to the particular spray equipment used and texture desired.

Fog spray Adjust atomizing air pressure to approx. 60 psi (410 kPa) and material feed pressure to approx. 30 psi (210 kPa).

Spatter spray Remove air nozzle fan cap. Reduce atomizing air pressure to approx. 15-20 psi (100-140 kPa).

Orange peel spray Adjust atomizing air pressure to approx. 40 psi (280 kPa) and material feed pressure to approx. 20 psi (140 kPa).

Spray Application

Spray using 16" to 20" fan. Hold gun 16" to 18" from surface. Overlap preceding application with 1/2 to 2/3 of fan width. With 75' to 125' of 1/2" hose, use 30 lb. to 40 lb. fluid pressure and 50 lb. to 60 lb. atomizing pressure. For further variation, flatten raised portions of the wet material.

Always wear eye protection—especially when spray applying. Use in a well-ventilated area. Where general ventilation is inadequate, use process enclosures, local exhaust ventilation or wear appropriate respiratory protection. See warning language on product packaging and read material safety data sheet for full personal protective equipment (PPE) requirements.

Decorating

If decoration is desired, apply a prime coat of SHEETROCK TUFF-HIDE primer-surfacer, SHEETROCK First Coat primer, or a good-quality, undiluted interior latex flat wall paint with high solids content over the entire surface and allow to dry. COVER COAT compound may be left undecorated on non-contact areas. Not washable if unpainted. If decoration is specified, follow directions for designated product.

Product Data

Freezing Sensitivity: Protect from freezing.

Coverage: Approx. 1-1/2 to 2 sq. ft. per lb. at 1/16" thickness; with sand, 2 to 2-1/2 sq. ft. per lb. at 1/16" thickness.

Compliance with Standards: Meets ASTM C475.

Storage: Shelf life up to nine months under good storage conditions. Should be stored in protected place, as extreme heat or cold accelerates aging. Rotate stock on first-in, first-out basis.

Packaging: 61.7-lb. (28 kg) plastic pail; 48-lb. (21.7 kg.) and 61.7-lb. (28 kg) carton.

Submittal Approvals

Job Name		
Contractor		Date

Product Information

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

WARNING!

Mist or dust may cause irritation to eyes, skin, nose, throat and upper respiratory tract. Avoid irritation by reducing exposure to dust and mist. Use in a well-ventilated area or provide sufficient local ventilation. If dusty or misty, wear a NIOSH/MSHA-approved dust or mist respirator. Wear eye protection. If eye contact occurs, flush thoroughly with water for 15 minutes. If irritation persists, call physician. Wash with soap and water after use. Do not ingest. If ingested, call physician. Do not use if material has spoiled, i.e., there is a moldy appearance or an unpleasant

odor. Close container and discard properly. Prolonged and repeated breathing of respirable mica dust may cause lung disease (pneumoconiosis). Product safety information: 800 507.8899 or usg.com.

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 United States Gypsum Company 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.

