

COVER COAT® Brand 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® Brand Compound is a premium grade, vinyl-base product designed for filling and smoothing monolithic interior concrete ceilings and columns located above grade. Supplied in ready-mixed form, easily applied with drywall tools in two or more coats. No extra bonding agent is needed. Dries to a fine, white surface; usually, further decoration is unnecessary if non-contact surface. Not washable unpainted. May be decorated if desired. Also can be used for embedding drywall tape, for first fill coat on metal bead, trim and fasteners; texturing and for skim coating drywall.

Advantages

Ready-mixed consistency Factory-mixed for consistently high quality and smooth application.
Smooth application Creamy consistency makes application fast and easy, minimizes droppings.
Low shrinkage, outstanding bond Features minimum drying shrinkage. Vinyl binder provides excellent bond—resists flaking, chipping, scuffing.
White, extra-smooth finish Excellent appearance makes desirable finish when no decoration is specified. Smooth surface means less sanding with superior results.

Limitations

1. Protect container from freezing and extreme heat.
2. Not to be applied over moist surfaces or surfaces likely to become moist (by condensation or otherwise), on surfaces below grade, 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 substrate 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 Setting-Type (DURABOND®) or Lightweight Setting-Type (EASY SAND™) Joint Compound, then apply a skim coat of COVER COAT Brand Compound over those areas after SHEETROCK Brand Setting-Type Joint Compound has hardened but not necessarily dried. All surfaces must be dry, clean, and sound before applying COVER COAT Brand 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 Brand Compound can be applied with a drywall flat finisher box, joint knife, roller, or airless spray equipment.

Roller

Equipment: 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 Brand 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 lb. (28 kg); 3/4 to 1-1/4 gal. (2.8 to 4.8L) per 48 lb. (21.7 kg).

Airless Spray

Equipment:

	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	2,500 to 3,000 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 lb. (28 kg); up to 1.5 gal. (5.7 L) per 48 lb. (21.7 kg)



Steps to Achieve a Flat Finish	<p>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, smoothing carefully before surface hardens. When thoroughly dry, sand to a smooth, level surface. Very rough or uneven surfaces may require more than two coats. Also, air transfer from concrete may create air craters in COVER COAT Brand Compound, which may require application of more than two coats for a satisfactory surface. Apply additional coats as described for second-coat application.</p> <p>On columns, apply COVER COAT Brand 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® Brand paper-faced metal bead into freshly applied COVER COAT Brand 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.</p>
Texture Application	<p>COVER COAT Brand 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 Brand Primer-Surfacer TUFF HIDE™, SHEETROCK Brand First Coat, or a good-quality, undiluted interior latex flat wall paint with high solids content over entire surface and allow to dry.</p> <p>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.</p> <p>Sand Texture Effect Add one part 60-100 mesh, washed, white sand to approximately two parts COVER COAT Brand Compound. This mixture is generally applied as a second coat. Vary mix and finish by using up to one part sand to one part COVER COAT Brand Compound.</p> <p>For any texture finish, provide a job-applied sample for approval before starting job.</p>
Spray Equipment	<p>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.</p> <p>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.</p> <p>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.</p> <p>Fog spray Adjust atomizing air pressure to approx. 60 psi (.04 kg/km²) and material feed pressure to approx. 30 psi (.02 kg/km²).</p> <p>Spatter spray Remove air nozzle fan cap. Reduce atomizing air pressure to approx. 15-20 psi (.01 to .05 kg/km²).</p> <p>Orange peel spray Adjust atomizing air pressure to approx. 40 psi (.03 kg/km²) and material feed pressure to approx. 20 psi (.051 kg/km²).</p>
Spray Application	<p>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.</p>

Decorating	If decoration is desired, apply a prime coat of SHEETROCK Brand Primer-Surfacer TUFF HIDE, SHEETROCK Brand First Coat, or a good-quality, undiluted interior latex flat wall paint with high solids content over entire surface and allow to dry. COVER COAT Brand Compound may be left undecorated on non-contact areas. Not washable if unpainted. If decoration is specified, follow directions for designated product.	
Product Data	Material: Vinyl-type formulation. 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

Trademarks

The following trademarks used herein are owned by United States Gypsum Company: COVER COAT, DURABOND, EASY SAND, SHEETROCK.

Note

Products described here may not be available in all geographic markets. Consult your U.S. Gypsum Company sales office or representative for information.

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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 material safety data sheets and related literature on products before specification and/or installation.



Manufactured by
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J59/rev. 9-04
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