



# CGC SHEETROCK® BRAND TUFF-HIDE™ PRIMER-SURFACER

## DATA SHEET



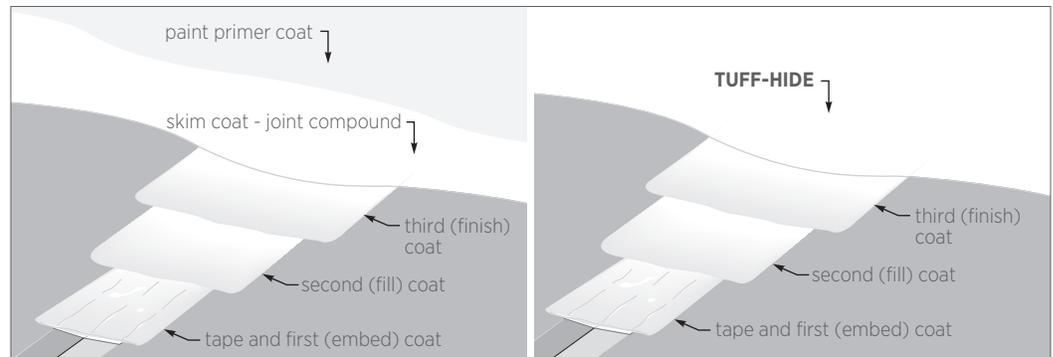
### DESCRIPTION

#### SKIM COATS AND PRIMES NEW DRYWALL IN A ONE SPRAY APPLICATION

- Achieves a Level 5 finish faster
- High build spray for a smoother, more beautiful finish
- Durable coating hides minor surface defects
- Excellent for critical light areas
- Ideal finish for ceilings
- Dries white, can be tinted to match final top coat

CGC Sheetrock® Brand Tuff-Hide™ Primer-Surfacer is the original dual-purpose vinyl acrylic latex-based coating designed especially for interior application over new drywall. For a GA-214/ASTM C840 Level 5 gypsum board finish, a single spray application provides the same high-quality drywall finish as the traditional two-step process of skim coating surfaces with joint compound followed by a coat of primer.

In ceiling applications where a flat white finish is desired, CGC Sheetrock® Tuff-Hide™ Primer-Surfacer can be left unpainted, providing an ideal final finish.



TYPICAL LEVEL 5 FINISH

TUFF-HIDE PRIMER-SURFACER LEVEL 5 FINISH

### DIRECTIONS

#### SURFACE PREPARATION

Substrate must be sound, dry, clean and free of oil, grease, mildew and efflorescence. During and after application, avoid drafts and maintain 13 °C (55 °F) minimum product, air and surface temperatures until surface is dry.

**NEW DRYWALL:** Treat all joints, fasteners and accessories with a recommended CGC/Synko® Brand joint treatment product. Fill all nicks, voids and gouges with joint compound. A minimum Level 4 wallboard finish is recommended. Refer to Gypsum Association publication GA-214, titled "Recommended Levels of Gypsum Board Finish" or ASTM C840 equivalent for a detailed description.

**CONCRETE & PLASTER:** Concrete and plaster surfaces should be thoroughly dry before painting. Concrete surfaces should age at least 60 days before finishing. Remove all form oils and efflorescence and grind down form lines. Fill cracks and holes and level concrete surfaces with a CGC/Synko® Brand setting-type or leveling compound and let dry.

#### MIXING

Stir gently. Use fresh material. Do not thin. Thinning will reduce performance. Do not intermix with any other products. May be tinted with up to 15 ml of universal colorants per litre of product.





## DIRECTIONS

## APPLICATION

**AIRLESS SPRAY APPLICATION ONLY:** Following good paint practices, floor and working area should be clean, free of dust and loose debris before starting the application. When used in lieu of a skim coat of joint compound and paint primer coat in a Level 5 gypsum board finish, apply to a minimum Wet Film Thickness (WFT) of 0.38 mm (15 mils). In all applications a wet film thickness in excess of 0.51 mm (20 mils) is not recommended. Use a wet film thickness gauge to ensure proper application thickness and maximum performance.

**TEST THE SPRAY PATTERN PRIOR TO APPLICATION:** Control the rate of coverage with the spray tip size (first-time users should try a 0.027" tip). If the fan pattern is the same, a large tip orifice applies more paint than a small orifice. Do not try to increase coverage by increasing fluid pressure. Use the lowest pressure necessary (high-pressure increases wear on pump).

**HOLD SPRAY GUN PERPENDICULAR TO THE SURFACE APPROXIMATELY 305 mm TO 460 mm (12" TO 18") AWAY:** Move the gun parallel to the surface at a steady rate. Start the stroke off the "target" surface and pull the trigger as the gun is moving. While the gun is still moving, release the trigger as you approach the other edge of the target surface. This method avoids excess paint build up at the end of each stroke. Moving the gun at the correct speed will deposit a full, wet coating without runs or sags.

Lap each stroke approximately 50% over the previous stroke for uniform paint thickness. Spray from left to right to scratch in the initial coat at approximately half of the desired thickness. Then crosshatch spray up and down perpendicular to the initial coat, as the double-up coat to the desired thickness. When painting corners, aim the gun toward the center of the corner to ensure both sides are sprayed evenly.

## EQUIPMENT

Use professional equipment that meets or exceeds the following rating when spraying through 50 ft. of 1/4" i.d. high-pressure hose: output at least 1 US gallon per minute; pump pressure rated at 2700 to 3000 psi; and accommodates a 0.031" spray tip at 2000 psi. Graco MARK V™, GMAX™ 5900 HD, ULTRA MAX™ 1095 and 1595 models are examples of approved airless pumping equipment. Use a 30-mesh filter located in the high-pressure manifold. Use a spray tip orifice between 0.023" to 0.031". It is recommended to use a Graco heavy-duty texture spray gun or equivalent that accommodates a Graco RAC V 527 (0.027"), RAC V 529 (0.029"), or RAC V 531 (0.031") tip.

Make sure that airless sprayer, hoses, gun and other related equipment are clean and in good working condition prior to application.

**Note:** CGC Sheetrock® Brand Tuff-Hide Primer-Surfacer is a high-solids coating. For best results, use new hoses to avoid clogging at the spray tip. Clogging commonly occurs with any high-solids coating when old and/or poorly cleaned hoses are used.

## TOUCH-UP

For surfaces damaged prior to the application of finish paint, an additional application of CGC Sheetrock® Tuff-Hide Primer-Surfacer can be used to treat properly repaired areas. For example, fill and level all nicks, voids, protrusions, paper tears, etc. with joint compound and sand smooth. For areas with minor damage, spray CGC Sheetrock® Tuff-Hide Primer-Surfacer over repaired area and blend into surrounding coated surface using a feathering technique. For larger repaired areas, it may be necessary to respray the entire wall or ceiling surface.

For areas damaged after the application of finish paint, or previously painted surfaces, make sure surface is sound and free of dirt, oil, stains or other contaminants. In some cases stained surfaces should be treated with a stain blocking sealer to obtain uniform color. Lightly sand painted surface to dull any sheen and develop "tooth" for good bond prior to the application of CGC Sheetrock® Tuff-Hide Primer-Surfacer to the entire wall or ceiling surface. For painted surfaces with minor damage, a CGC/Synko® Brand flat latex paint can be applied over repaired areas using a feathering technique.

## DECORATING

May be painted after overnight drying. Follow paint manufacturer's instructions. May be left unpainted.

## SANDING

If proper spraying technique is used, sanding probably will not be needed. However, if touch-up sanding is required, CGC Sheetrock® Tuff-Hide Primer-Surfacer formulation sands easily.

## CLEAN-UP

Wipe up drips and spills immediately with damp cloth. Clean tools with warm, soapy water. Close container after each use. Clean and store airless spray per the spray manufacturer's recommendations.





PRODUCT DATA

<b>Testing</b>	Tested for abrasion resistance, passing 1000 cycles, in accordance with ASTM D4977 (modified). Tested in accordance with ASTM D3450 (washability) and ASTM D2486 (scrubability).
<b>Material</b>	Vinyl acrylic latex-based
<b>Types</b>	Spray application only
<b>Drying Time</b>	Dries to touch in approx. 60 to 90 minutes when applied at 0.38 to 0.51 mm (15 to 20 mils) WFT or 0.23 to 0.30 mm (9 to 12 mils) DFT under normal drying conditions (25 °C [77 °F]/50% RH). Let dry before recoating. High-humidity and/or cold temperature will slow drying.
<b>Coverage</b>	Approx. 48 to 58 m <sup>2</sup> (500 to 625 ft <sup>2</sup> ) per 18.9 L pail when applied at 0.38 to 0.51 mm (15 to 20 mils) WFT or 0.23 to 0.30 mm (9 to 12 mils) DFT. Actual coverage can vary depending on factors such as substrate surface condition, spray techniques, procedures, coating uniformity and thickness.
<b>Storage</b>	Store at room temperature in a dry location. Protect from freezing, exposure to extreme heat and direct sunlight.
<b>Packaging</b>	18.9 L pail

**PRODUCT INFORMATION**  
See [cgcinc.com](http://cgcinc.com) for the most up-to-date product information.

**WARNING**  
Spraying mist or dust created from product may cause eye, skin, nose, throat, or upper respiratory irritation. Coating VOC = less than 55 g/L. Avoid inhalation of mist or dust. Use in a well-ventilated area. Wear a NIOSH/MSHA approved respirator when dusty, misty, or if spray applying. Use proper ventilation to reduce mist/dust exposure. Prolonged and repeated exposure to respirable

crystalline silica may cause lung disease. Wear eye protection. If eye contact occurs, immediately flush thoroughly with water for 15 minutes. If irritation persists, call physician. Wear long-sleeved work clothing to prevent skin irritation. Wash thoroughly with soap and water after use. Do not ingest. If ingested, call physician.

**KEEP OUT OF REACH OF CHILDREN**

**TRADEMARKS**  
The trademarks CGC, TUFF-HIDE, SYNKO, THE CGC

LOGO, and related marks are trademarks of USG Corporation or its subsidiaries or its affiliates.

**NOTE**  
Products described here may not be available in all geographic markets. Consult your CGC Inc. 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.