



USG SHEETROCK® BRAND TUFF-HIDE™ PRIMER-SURFACER

Skim coats and primes in one spray application

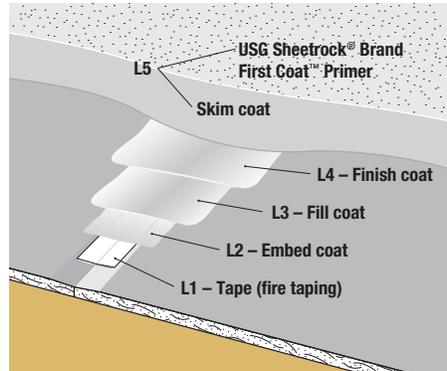
- Achieves a Level 5 finish faster
- High build spray for a smoother, more beautiful finish
- Durable coating hides minor surface defects
- Excellent for critical light areas
- Ideal finish for ceilings
- Dries white; can be tinted to match final top coat
- For professional use only

DESCRIPTION

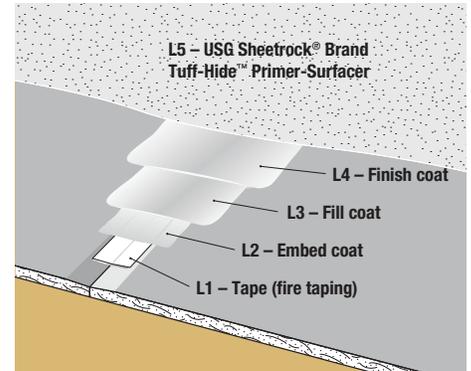
USG Sheetrock® Brand Tuff-Hide™ Primer-Surfacer is the original dual-purpose vinyl acrylic latex-based coating designed for interior application over new drywall. For a GA-214/ASTM C840 Level 5 gypsum board finish, a single spray application provides the same highest quality drywall finish as the traditional 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, USG Sheetrock® Brand Tuff-Hide™ Primer-Surfacer can be left unpainted, providing an ideal final finish.

Traditional Level 5 Finish



USG Sheetrock® Brand Tuff-Hide™ Primer-Surfacer Level 5 Finish



DIRECTIONS

SURFACE PREPARATION

Substrate must be sound, dry, clean and free of oil, grease, mildew and dust. Product, air and surface temperatures must be maintained at a minimum of 55°F (13°C) throughout the finishing process. Refer to *Finishing and Decorating Gypsum Panels Installation Guide* (J2010) for finishing and decorating best practices.

New Drywall: Treat all joints, fasteners and accessories with a recommended USG Sheetrock® Brand joint treatment system. Fill all nicks, voids and gouges with joint compound. A minimum Level 4 wallboard finish is recommended. Refer to Gypsum Association publication *Recommended Levels of Gypsum Board Finish* (GA-214) or ASTM C840 equivalent for a detailed description. Level 5 finish can only be achieved if applied to Level 4 finished wallboard.

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 USG Sheetrock® Brand Durabond® Setting-Type Joint Compound, USG Sheetrock® Brand Easy Sand™ Lightweight Setting-Type Joint Compound or USG Sheetrock® Brand Cover Coat® Compound and let dry.

MIXING	Stir gently. Use fresh material. Do not thin. Thinning will reduce performance. Do not intermix with any other product. May be tinted with up to 2 oz. per gal. of universal colorants.
APPLICATION	<p>Airless spray application only. 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 gal. per minute; pump pressure rated at 2,700-3,000 psi; and accommodates a 0.031" spray tip at 2,000 psi (Graco Mark V™ or equivalent). 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 Reverse-A-Clean (RAC) SwitchTip.</p> <p>Test the spray pattern prior to application. To apply, hold spray gun perpendicular to the surface approximately 18" away. Move the gun parallel to the surface at a steady rate. Overlap preceding application by 1/2 of the fan width 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 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. 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 15 mils. In all applications, a wet film thickness in excess of 20 mils is not recommended. During and after application, avoid drafts and maintain 55°F (13°C) minimum product, air and surface temperatures until surface is dry.</p> <p>Note: May be roller applied for use as a high-solids, primer paint coat. Use a high-quality roller, with 1/4"- 3/8" nap roller cover on smooth surfaces. Apply to a wet film thickness (WFT) of 5-10 mils.</p>
DRYING TIME	Dries to touch in approximately 60-90 minutes when applied at 15-20 mils WFT (9-12 mils DFT) under normal drying conditions (77°F/50% RH). Let dry before recoating. The following (together or individually) will slow drying and/or greatly impact the finished appearance: high humidity, cold temperature and poor ventilation/air circulation.
COVERAGE	Approximately 100-125 sq. ft. per gallon when applied at 15-20 mils WFT (9-12 mils DFT). Actual coverage can vary depending on factors such as substrate surface condition, spray techniques, procedures, coating uniformity and thickness.
CLEANUP	Wipe up drips and spills immediately with damp cloth. Clean tools with warm, soapy water. Close container after each use.
SANDING	If proper spraying technique is used, sanding probably will not be needed. However, if touch-up sanding is required, this formulation sands easily.
DECORATING	May be painted after overnight drying. Follow paint manufacturer's instructions. May be left unpainted.
PRODUCT DATA	<p>Testing: Tested for abrasion resistance, passing 1,000 cycles, in accordance with ASTM D4977 (modified). For additional information on abrasion resistance testing methods and comparative results, refer to <i>Abuse-Resistant Systems</i> (SA929). Tested in accordance with ASTM D3450 (washability) and ASTM D2486 (scrubbability).</p> <p>Material: Vinyl acrylic latex-based.</p> <p>Types: Spray application only.</p> <p>Temperature Sensitivity: Store in a dry location. Protect from freezing, exposure to extreme heat and direct sunlight.</p> <p>VOC Content: 22 g/L.</p> <p>Coverage: Approximately 100-125 sq. ft. per gallon when applied at 15-20 mils WFT (9-12 mils DFT).</p> <p>Drying Time: Approximately 60-90 minutes when applied at 15-20 mils WFT (9-12 mils DFT) under normal drying conditions (77°F/50% RH).</p> <p>Storage: Store at room temperature in a dry location. Up to 12-month shelf life under good storage conditions.</p> <p>Packaging: 5 gal. pail, 50 gal. drum.</p>

SUBMITTAL APPROVALS

Job Name	
Contractor	Date

PRODUCT INFORMATION

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

WARNING

Mist, vapors and/or dust may cause irritation to eyes, skin, nose, throat and upper respiratory tract. Avoid irritation by reducing exposure to mist, vapors and/or dust. Use in a well-ventilated area or provide sufficient local ventilation. If misty/high vapor levels/dusty, wear a NIOSH/MSHA-approved mist, vapor or dust respirator. Long-term breathing of respirable crystalline silica dust can cause permanent lung damage and/or cancer. Prolonged and repeated breathing of respirable mica dust may cause lung disease (pneumoconiosis). Wear eye protection. If eye contact occurs, flush thoroughly with water for 15 minutes. If irritation persists, call a physician. Wash with soap and water after use. Do not ingest. If ingested, call a physician. Do not use if material has spoiled, i.e., there is a moldy appearance or an unpleasant odor. Close container and discard properly.

For more information, call Product Safety: 800 507-8899 or see the SDS at usg.com.

KEEP OUT OF REACH OF CHILDREN.

TRADEMARKS

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NOTE

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NOTICE

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SAFETY FIRST!

Follow good safety and industrial hygiene practices during handling and installing 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.

800 USG.4YOU
800 (874-4968)
usg.com

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United States Gypsum Company
550 West Adams Street
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