

SHEETROCK® Brand Primer-Surfacer

Tuff-Hide™



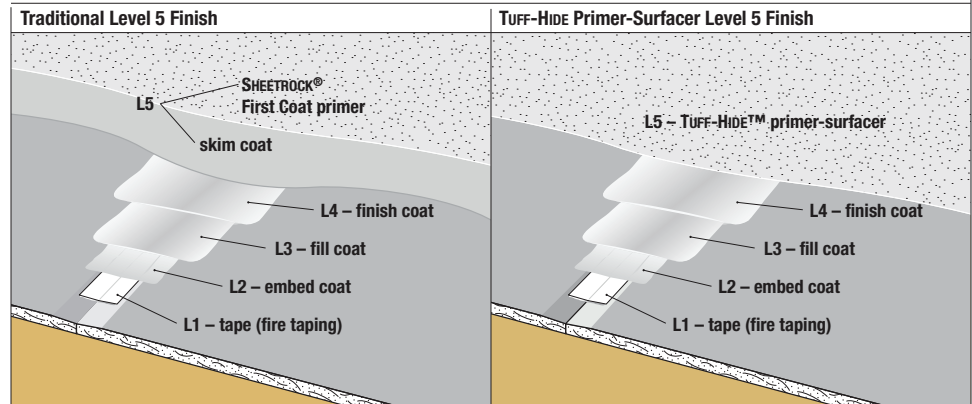
Skim-coats and primes in one spray application

- 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

Description

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 C-840 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, TUFF-HIDE primer-surfacer can be left unpainted, providing an ideal final 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 USG Technical Literature J2010 for finishing and decorating best practices.

New Drywall. Treat all joints, fasteners and accessories with a recommended 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 GA-214, "Recommended Levels of Gypsum Board Finish," or ASTM C-840 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 SHEETROCK® brand DURABOND™ or EASY SAND™ setting-type joint compound or COVER COAT® compound and let dry.

Mixing

Sitr gently. Use fresh material. Do not thin. Thinning will reduce performance. Do not intermix with any other products. May be tinted with up to 2 oz. per gallon of universal colorants.

Application

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 gallon per minute; pump pressure rated at 2700-3000 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 Reverse-A-Clean (RAC) type tip.

Test the spray pattern prior to application. To apply, hold spray gun perpendicular to the surface approximately 18 inches away. Move the gun parallel to the surface at a steady rate. 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 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.

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.

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 re-coating. High humidity and/or cold temperature will slow drying.
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

Testing: Tested for abrasion resistance, passing 1000 cycles, in accordance with ASTM D4977 (modified). For additional information on abrasion resistance testing methods and comparative results, refer to Abuse Resistant Systems (SA929). Tested in accordance with ASTM D3450 (washability) and ASTM D2486 (scrubbability).

Material: Vinyl acrylic latex-based.

Types: Spray application only.

Temperature Sensitivity: Store in a dry location. Protect from freezing, exposure to extreme heat and direct sunlight.

Coverage: Approximately 100-125 sq. ft. per gallon when applied at 15-20 mils WFT (9-12 mils DFT).

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).

Storage: Store at room temperature in a dry location. Up to 12-month shelf life under good storage conditions.

Packaging: 5-gallon pail, 50-gallon drum.

Submittal Approvals:

Job Name		
Contractor		Date

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 respira-

ble 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 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. Product safety information: 800 507.8899 or www.usg.com.

KEEP OUT OF REACH OF CHILDREN.

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Safety First!

Follow good safety and industrial hygiene practices during handling and installation of 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.

