

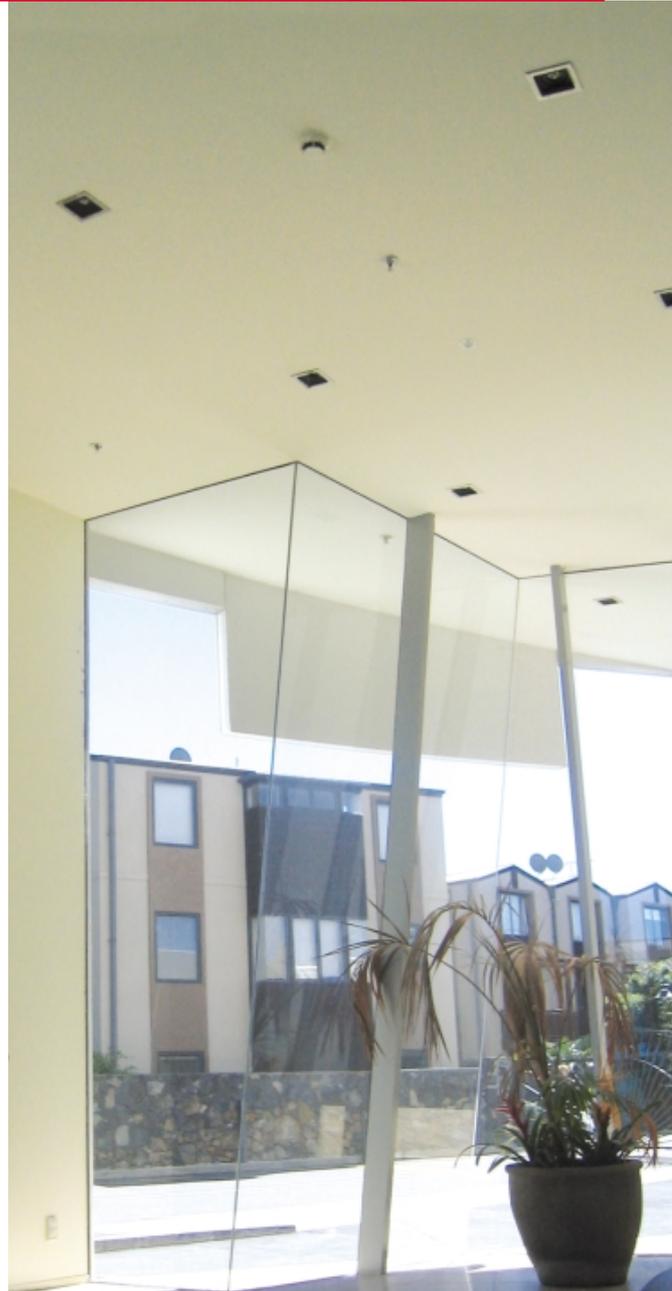
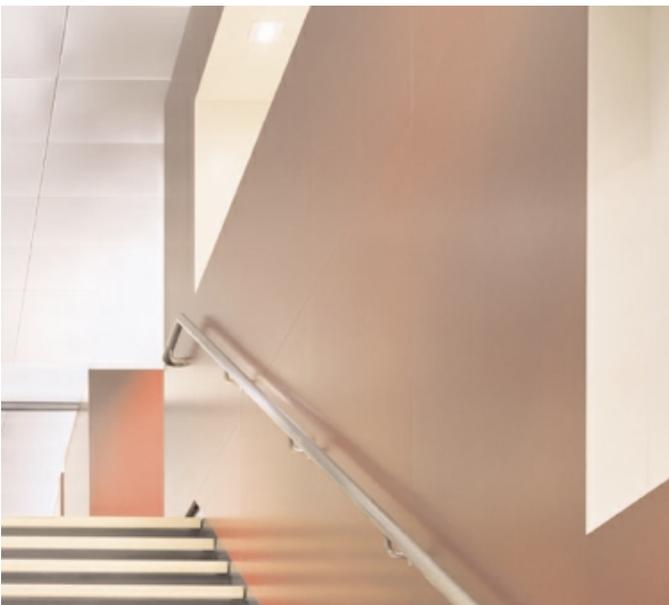
Tough, Fast and Elegant -  
For a Smoother, More Beautiful Paint Finish

USG

# Sheetrock® Brand Primer-Surfacer, Tuff-Hide®

- Skims and primes in a single application
- Minimizes callbacks
- Durable hard coating hides minor surface defects
- Ensures smoother finished walls and ceilings

# New!



# SHEETROCK® Brand Primer-Surfacer

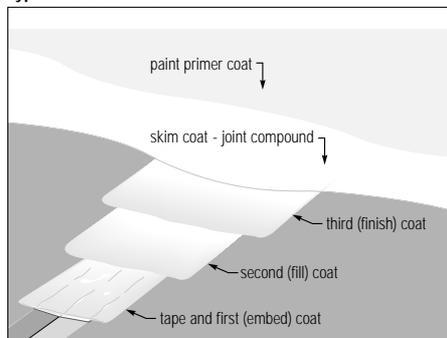


USG SHEETROCK® Brand TUFF-HIDE® Primer-Surfacer is a dual-purpose vinyl, acrylic latex-based coating designed especially for interior application over new plasterboard.

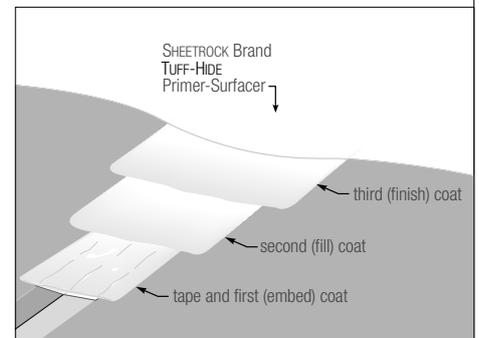


- In a single spray application it provides the same results achieved using a typical two-step process of skim coating surfaces with joint compound followed by a coat of primer (ref AS/NZS 2589.1 The Levels of Finish for Gypsum Plasterboard) to provide a high quality plasterboard finish.
- In ceiling applications where a flat white finish is desired, SHEETROCK Brand TUFF-HIDE Primer-Surfacer can be left unpainted providing an ideal final finish.
- Dries to a hard, abrasion resistant surface.
- Minimises callbacks caused by joint banding and photographing
- Ensures smoother finished walls and ceilings than by simply using a plasterboard primer
- Requires minimal sanding which substantially reduces dust and provides faster project completion.
- Installed cost savings versus traditional separate applications of a skim coat and a prime coat

Typical Level 5 Finish



SHEETROCK Brand TUFF-HIDE Level 5 Finish



## Surfaces

Formulated primarily for plasterboard application. TUFF-HIDE can also be applied to other surfaces such as concrete, plaster, fibre cement, dressed timber and MDF. Other surfaces may be acceptable - contact your nearest USG office.

## Decorating

May be painted after overnight drying. Follow paint manufacturer's instructions. May be left unpainted for general ceiling applications, excluding kitchens and wet areas. May be tinted with up to 15ml per litre of universal colorants, and is recommended for under deeptone paint colours.

For normal applications, standard paints can be used over TUFF-HIDE. For areas requiring greater durability and toughness, waterborne enamels are recommended finish coats.

## 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 (scrubability).  
Early Fire Hazard Properties to AS1530.3: 0,0,0,3 (Full test report available on request.)

**Material:** Vinyl acrylic latex-based.

**Application:** Airless spray application only. (Not suitable for brush or roller application)

**Coverage:** Approximately 2.5-3.0 m<sup>2</sup> per litre when applied at 0.35-0.5mm WFT (0.23-0.3mm DFT).

**Drying Time** Dries to touch in approximately 60-90 minutes when applied at 0.35-0.5mm WFT (0.23-0.3mm DFT) under normal drying conditions (25°C/50% RH). Let dry before re-coating. High humidity and/or cold temperature will slow drying.

**Storage:** Keep tightly sealed. Store in a dry location at room temperature. Protect from freezing, extreme heat and direct sunlight.

**Packaging:** 18.5 litre pail.

<b>Equipment</b>	<p>Use professional spray equipment that meets or exceeds the following rating when spraying through 15m. of 9.5mm i.d. high-pressure hose: output at least 3.8 litres per minute; pump pressure rated at 3000 psi. A Graco Mark V airless pump is the recommended equipment. Use a coarse mesh filter located in the gun.</p> <p>In general, use a 419 spray tip orifice, however alternative spray tips may be used for different finish effects. See Application below. It is recommended to use a Graco heavy-duty texture spray gun or equivalent that accommodates the above tip. Make sure that airless sprayer, hoses, gun, and other related equipment are clean and in good working condition prior to application.</p> <p><b>Note:</b> SHEETROCK® Brand TUFF-HIDE Primer-Surfacer is a high solid 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.</p>
<b>Surface Preparation</b>	<p>Substrate must be sound, dry, clean and free of dust, oil, grease, mildew and efflorescence. Product, air, and surface temperatures must be maintained at a minimum of 13°C throughout the finishing process</p> <p><b>For new plasterboard</b> Treat all joints, fasteners, and accessories with a recommended joint treatment system. Fill all nicks, voids, and gouges with joint compound. A minimum Level 4 wallboard finish is recommended. Refer to AS/NZS 2589.1 The Levels of Finish for Gypsum Plasterboard.</p> <p><b>For concrete and plaster surfaces</b> 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 setting type joint compound (DURABOND™ or EASY SAND™) or Cover Coat® Compound and let dry before application of TUFF-HIDE. <b>Not suitable for use below ground level.</b></p> <p><b>For gypsum fibre board and fibre cement boards</b> Prefill any voids or joints with joint compound prior to spraying. After the compound is dry and all tool marks are sanded smooth, apply the TUFF-HIDE.</p> <p><b>For wood surfaces</b> Paintable grade interior wood (dressed) for trims and MDF should also be suitable provided any marks or indentations are filled prior. Check on a sample piece first if in doubt. Undressed timber, plywood etc, because of its rough appearance, is usually unacceptable, unless that is the desired texture.</p>
<b>Mixing</b>	<p>Stir gently. Do not thin. Thinning will reduce performance. Do not intermix with any other products. There should be no lumps or semi-solid agglomerations in TUFF-HIDE. The product does have a gelled appearance prior to mixing. If a gelled appearance is being mistaken for lumps, stir thoroughly prior to use OR place pails on an orbital paint shaker for 2 minutes before use.</p>
<b>Tinting</b>	<p>For pale colour topcoats this is not usually necessary. For deep tones it is advisable to tint the TUFF-HIDE with up to 15ml per litre (280ml / pail). of universal colorants. Ensure it is mixed thoroughly.</p>
<b>Application</b>	<p><b>Apply using airless spray only.</b> 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 0.35mm. In all applications a WFT in excess of 0.5mm is not recommended. Use a wet film thickness gauge to ensure proper application thickness and maximum performance. Avoid drafts and maintain 13°C minimum product, air, and surface temperatures during application and until surface is dry.</p> <p><b>Test the spray pattern prior to application.</b> Control the rate of coverage with the spray tip size. If the fan pattern is the same, a large tip orifice applies more coating 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.) The tip size may need to be varied depending on the application. A larger tip eg. 0.021 - 0.023 will result in a quicker, heavier build-up, but will also give a more "orange peel" texture, (which can be quite acceptable in many commercial situations), but may not be suitable in cooler weather, as runs could occur due to slower drying conditions.</p> <p>Application with a smaller tip size, 0.019, will give a smoother finisher more suitable for residential, but may require more passes to get the recommended build thickness to achieve its optimum finish, which could require a second coat after the first has dried.</p> <p><b>Hold the gun perpendicular to the surface approximately 500 - 750mm away.</b> (For a 419 tip) 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 buildup 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 and then crosshatch spray up and down as the doubleup coat to provide a uniform appearance. Check wet film application thickness using a wet film thickness gauge. When painting corners, aim the gun toward the centre of the corner to ensure both sides are sprayed evenly.</p> <p>HELPFUL HINT: When spraying an average sized room, apply 1/2 the recommended thickness to all surfaces, then immediately "double-up" in the other direction over the same surface building the remaining wet film thickness between 0.35 - 0.5mm.</p>

# SHEETROCK® Brand Primer-Surfacer



<b>Drying Time</b>	Dries to touch in approximately 60-90 minutes when applied at 0.35 - 0.5mm WFT (0.23 - 0.3 DFT) under normal drying conditions (25°C/50% RH). Let dry before re-coating. High humidity and/or cold temperature will slow drying. May be painted after overnight drying. (Approximately 16 hours)
<b>Coverage</b>	Coverage is approximately 2.5 - 3.0m <sup>2</sup> per litre (46-58m <sup>2</sup> / pail) when applied at 0.35 - 0.5mm WFT (0.23 - 0.3 DFT). Actual coverage can vary depending on factors such as substrate surface condition, spray techniques, procedures, coating uniformity and thickness.
<b>Clean Up</b>	Wipe up drips and spills immediately with damp cloth. Clean tools and equipment with warm soapy water. Clean and store airless spray per the spray manufacturer recommendations. Close container after each use.
<b>Touch-Up</b>	<p>For surfaces damaged prior to the application of finish paint, an additional application of TUFF-HIDE 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 TUFF-HIDE over repaired area and blend into surrounding coated surface using a feathering technique. For small areas not requiring respray, apply TUFF-HIDE using a small touch-up roller with a 10mm nap and feather out to match the texture. (This blends well with the texture from a 0.019 spray tip. For larger repaired areas, it may be necessary to re-spray the entire wall or ceiling surface.</p> <p>For areas damaged after the application of finish paint, or previously painted surfaces, make sure surface is sound and free of loose or flakey paint, dirt, oil, stains or other contaminants. In some cases stained surfaces should be treated with a stain blocking sealer to obtain uniform color. Fill any nicks or voids and sand back flush when dry. Lightly sand painted surface to dull any sheen and develop "tooth" for good bond prior to the application of SHEETROCK Brand TUFF-HIDE Primer-Surfacer to the entire wall or ceiling surface. For painted surfaces with minor damage, SHEETROCK® Brand First Coat flat latex paint can be used over repaired areas using a feathering technique.</p>
<b>Accredited Applicators</b>	SHEETROCK Brand TUFF-HIDE Primer-Surfacer is only to be applied by Accredited Applicators trained and approved by USG Australasia. USG cannot accept responsibility for product applied by non-Accredited persons, or deviation from specifications. See 'Notice' below.



*Working to provide a total industry system for a hard, durable Level 5 finish.*

#### 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.

#### SAFETY FIRST!

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

#### Note

Products described here may not be available in all geographic markets. Consult your USG 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.

#### Trademarks

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