

Sheetrock® Primers

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First Coat Wallcovering Primer

Surface Preparation	Surfaces must be dry, clean, sound and free of oil, grease and efflorescence. Glossy surfaces must be dulled. Prime metal with a good rust-inhibitive primer. Fill or level concrete with SHEETROCK brand DURABOND® setting-type joint compound, Sheetrock brand Easy Sand™ lightweight setting-type joint compound or COVER COAT® compound. Treat drywall joints and nailheads with a U.S. Gypsum Company joint treatment system.
Mixing	Stir gently. Do not thin for brush or roller application. For spray application, if necessary, add water in half-pint increments up to a maximum 1 qt. of water per gallon. Note: Overthinning may cause poor adhesion, lack of hide and unequal suction when dry. May be tinted.
Adding to wall and ceiling textures	If slightly better spray properties, wet hide, improved bond, whiteness and surface hardness are desired, SHEETROCK brand First Coat and SHEETROCK brand wallcovering primer may be added to wet-mixed USG ceiling and wall texture products at a rate of up to 1 gal. per 30, 32, 40 and 50 lb. bag of texture. Reduce water quantity to account for addition of SHEETROCK primer on 1:1 replacement basis. Surface priming recommendations on texture bag still apply.
Application	Apply a full coverage coat. Material dries to touch in under 30 min. in 75 °F/50% R.H. conditions. Maintain minimum air, product mix and surface temperature of 55 °F (13 °C) during application and until surface is dry. Brush, roller, or airless or conventional spraygun may be used. If surface is not ideal, backrolling of airless spray applications may be beneficial.
Brush	Use a high quality, professional paint brush.
Roller	For best results, use a high quality roller with 1/8" to 1/4" nap on smooth and semi-smooth surfaces. For any surface, maximum nap length should not exceed 1/2".
Airless spray gun	As a general guideline, use professional equipment that meets or exceeds the following when spraying through 50 ft. of 1/4" i.d. airless spray hose: output of at least 3/4 gal. per minute; pressure of at least 2,700 psi; spray tip of 0.021 at 2,000 psi. Examples of appropriate equipment include Graco ULTRA 1500, 1000 and 750 models and the Wagner 9190 sprayer, with a suitable spray gun that will accommodate an RAC IV 521 (0.021) tip, and RAC IV Dripless Guard and a 30 mesh filter.
Conventional spray gun	Use Binks model 2001 gun, pressurized external, with 565 fluid needle, 66 fluid nozzle and 65 PR air nozzle; or Binks model 18, pressurized internal, with 68 fluid needle, 68 fluid nozzle and 206 air nozzle; or similar equipment. Air hose is typically 3/8" i.d. with 1/2" fluid hose i.d. Note: Adjust pressure and material feed rate so a full coverage coat can be achieved by overlapping preceding application with 1/4 to 1/2 of fan width at a distance of 18" from surface. Pressure and material feed rates will vary with hose diameter, height or distance pumped, and paint consistency. SHEETROCK primers contain a high level of select pigments and fillers like conventional latex flat paints. When these paints are used in spray equipment previously used to spray PVA sealers with high levels of resin, clogging at the spray gun tip may result. The use of clean or new hoses is recommended to avoid this problem when spraying SHEETROCK primers.
Cleanup	Clean equipment with warm, soapy water.

**Achieving a Sand-Finish
Texture with
SHEETROCK First Coat**

By adding a fine perlite aggregate to SHEETROCK First Coat, a sand-like finish texture can be achieved. Use SHEETROCK™ brand sand-finish paint additive or similar product. To begin application, after the surface has been properly prepared for decorating with paint, apply a prime coat of SHEETROCK First Coat and let dry. Slowly stir in 4 lbs. of sand-finish paint additive (or similar fine perlite aggregate) per 5 gal. of SHEETROCK First Coat. Mix until the sand additive is uniformly dispersed. A full coverage application is recommended using a Binks model 18D spray gun with 57 fluid nozzle and R-27 slotted fan cap or a Binks model 18 gun with 68 fluid nozzle and 101 slotted fan cap. Adjust air pressure and material feed rate to compensate for hose length/diameter and consistency of material to be sprayed. Coverage is approximately 100-200 sq. ft. per gal. Surface may be painted after overnight drying. Follow directions of paint manufacturer. Unpainted surfaces are not washable or scrubable.

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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.

