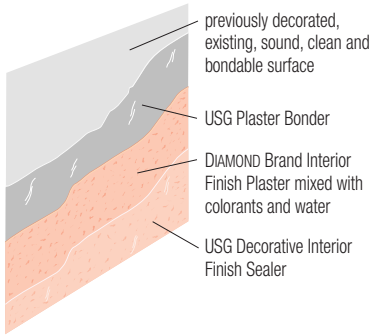


USG™ Decorative Interior Finish System/Existing Substrate



For extraordinary colored and textured surfaces on existing interior walls and ceilings

- Selected color is integral to the plaster finish.
- Texture options controlled by troweling to suit customer tastes.
- Extraordinary strength and durability of veneer plasters.
- May be applied as a finish over sound, clean, bondable, monolithic substrates.

Description

USG™ Decorative Interior Finish System beautifies properly prepared existing interior drywall or plaster surfaces with a trowel-applied finish material that is rich in both color and texture. Applicators familiar with trowel-applied materials can easily adapt to the techniques needed to apply both semi-smooth and textured finishes. The finished product enjoys the durability and abuse resistance of veneer plaster in a surface that does not require paint or additional decoration. Batch color is consistent through the entire thickness of the finish layer. Surface is UV-resistant and washable. In addition to 12 standard colors, the system has an unlimited custom pastel or earthtone color choice. Basecoated surface can be applied over gypsum base, cement board, monolithic concrete or masonry for application of the final colored decorative finish. Also, see submittal sheets in this series on application of the USG Decorative Interior Finish System over drywall (P797) and plaster surfaces (P809).

Advantages	Abuse resistant	Tough gypsum plaster adds a layer of protection from abusive bumps and abrasions.
	Color assured	Color is thoroughly mixed into the finish, providing a through-finish color that can help minimize the appearance of minor surface defects or abrasion. High-quality colorants are used to assure color consistency and UV resistance. System identifies 12 basic colors that can be mixed using a standard tint machine and COLORTREND® 888 Universal Machine Colorants as well as the COLORTREND® AMBIANCE™ fan deck color selector and color formula book for creating any number of custom pastel and earthtone colors.
	Effective bond	Surface must be properly prepared so system will bond to it. See Preparation section for information on proper preparation.
	Texture options	System can be applied semi-smooth or textured in a variety of ways. Finish surface appearance depends on the troweling techniques employed.
	Fire protection	Composed primarily of gypsum plaster, USG Decorative Interior Finish System enhances the fire protection characteristics of the plaster basecoat and gypsum, cement board or concrete assembly over which it is applied.
Directions	Preparation	<p>This system is not a repair procedure. The existing surface must be prepared so that the beautiful colored finish will remain in place indefinitely. The surface must be sound, clean and bondable.</p> <p>Wallpaper and glue must be removed; paint may be washed with a strong cleaning solution (such as tri-sodium phosphate, TSP) and rinsed clean. Glossy paint should be roughed, such as by light sanding, and sanding dust removed by washing. Bondability should be tested; one way of doing this is to apply duct tape and peel it off, noting whether the paint peels off with it. Bond may also be tested by scraping to check for questionable bond. You should never apply an expensive finish over a surface that exhibits questionable bond.</p> <p>Patched surfaces should be primed with SHEETROCK® Brand Wallcovering Primer. Existing concrete block surfaces must be leveled, such as by applying USG™ Plaster Bonder and a veneer basecoat plaster, such as DIAMOND® Brand Veneer Basecoat Plaster or IMPERIAL® Brand Basecoat Plaster. After it sets and dries, a coat of USG Plaster Bonder—Clear must be applied. Poured concrete should also be coated with bonder, basecoat plaster and another coat of bonder before applying the finish.</p>
	Plaster bonder	Prior to application USG Decorative Interior Finish, apply USG Plaster Bonder—Clear to the entire surface.
	Mix finish	USG Decorative Interior Finish usually consists of DIAMOND® Brand Interior Finish mixed with colorants and water; however, IMPERIAL® Basecoat Plaster, DIAMOND® Brand Veneer Basecoat Plaster or IMPERIAL® Brand Finish Plaster also may be used. Mix in 5-gal. pail (14" high, 10-1/4" bottom, 11-1/4" top). Use 6-1/2" of water per batch for DIAMOND Brand Interior Finish, 4-1/2" for DIAMOND Brand Veneer Basecoat Plaster, 4" for IMPERIAL Brand Basecoat Plaster, and 5" for IMPERIAL Brand Finish Plaster. Add the predetermined amount of colorant (COLORTREND Formula) to the water. The plaster is added to the water in three stages. First, fill the bucket with plaster and stir lightly with an on-and-off action using a 450 RPM 1/2" drill and blade-type (joint compound) mixing paddle. Add plaster to the top of the bucket and repeat stirring with on-and-off action. Add plaster a third time and mix completely, ensuring that no colored water splashes out of mixing container. Mix approximately 40-45 lbs. of DIAMOND Brand Interior Finish with the water, or 60 lbs. of DIAMOND Brand Veneer Basecoat Plaster or IMPERIAL Brand Basecoat Plaster, or 50 lbs. of IMPERIAL Brand Finish Plaster. Finish should be slightly thicker than normal. These quantities should fill the container to about 1 to 1-1/2 inches from its top. To ensure color uniformity, each batch must be mixed exactly the same way, by volume and to the same fluidity in a volume-specific container.

	<p>Finish application</p> <p>Each wall or ceiling must be covered in a continuous application, always continuing joinings of separate mixes prior to either mix setting. Work walls and vaulted ceilings from top to bottom; ceilings from angle to angle. For one-coat semi-smooth texture, apply plaster in random, 1' to 2' strokes at a nominal 1/8" thickness, leaving lap marks as desired. After approximately 20 minutes from initial application, draw a trowel, held almost flat, lightly over the surface with short strokes in various directions. Trowel again as initial set begins (approximately 45 minutes). For two-coat heavy texture, apply first coat to a nominal thickness of approximately 1/8", covering the entire surface. When surface has firmed slightly, apply second coat in short strokes as described above. Two-coat thickness should vary from 1/8" to 3/16". Additional troweling of second coat should be as described above for one-coat finish.</p>				
	<p>Sealing</p> <p>After finish has set and dried (approximately 24 hr.), apply USG Decorative Finish Sealer and maintain minimum 55° F (13° C) temperature. Do not shake or box-mix sealer. Apply using brush, roller or sprayer with 0.015" to 0.023" tip. Initially, sealer will appear milky, but will dry clear and colorless. When appearance changes to clear, wipe or roll drips and puddles, then recoat.</p>				
<p>System</p>	<p>Specifications</p> <p>To perform in the expected manner, the USG Decorative Interior Finish System installation should meet all requirements for basecoat plaster application described in Technical Data Sheets P528 "IMPERIAL Brand Plasters," and P529 "DIAMOND Brand Interior Finish Systems." For details, consult your local United States Gypsum Company technical representative.</p> <p>Components</p> <p>For existing surfaces, this system utilizes all or some of the following products: USG Plaster Bonder—Clear, SHEETROCK Brand Wallcovering Primer, IMPERIAL Brand Basecoat Plaster, DIAMOND Brand Veneer Basecoat Plaster and USG Decorative Interior Finish Sealer. The finish may utilize DIAMOND Brand Interior Finish, IMPERIAL Brand Basecoat Plaster, DIAMOND Brand Veneer Basecoat Plaster or IMPERIAL Brand Finish Plaster. Graded white silica sand may be used for float finishing. For standard colors using COLORTREND 888 Universal Machine Colorants, the formula selected will produce a five-gallon batch size. For custom pastel and earthtone colors, one should select the one-gallon formula from the COLORTREND AMBIANCE fan deck color selector and color formula book. Note that the one-gallon formula is used to yield a five-gallon batch, and that the color will appear two to three shades lighter than the color depicted on the fan deck color swatch.</p> <p>Additional information</p> <p>For additional information on this system and its components, consult publications P759 "USG Decorative Interior Finish System," PM12 "Recommendations for Mixing and Applying the USG™ Decorative Interior Finish System," P762 "USG Decorative Interior Finish System Contractor Installation Cost Estimating Sheet," P761 "Color Formulas," J945 "SHEETROCK Brand Wallcovering Primer," P778 "USG Plaster Bonder Submittal Sheet," P777 "DIAMOND Brand Interior Finish Plaster Submittal Sheet," and P780 "USG Decorative Interior Finish Sealer." Additional submittal sheets in this series are P797, USG Decorative Interior Finish System/Drywall and P809, USG Decorative Interior Finish System/Plaster.</p>				
<p>Product Data</p>	<p>Sizes and Packaging: SHEETROCK Brand Wallcovering Primer, ready-mixed 1 and 5-gal. pails, coverage 250-350 ft.² (23.2-32.5 m²) per gal., depending on application method. USG Plaster Bonder—Clear, 5-gal. pails, coverage 300 ft.² (27.8 m²) per gal., depending on application method. IMPERIAL Brand Basecoat Plaster, 80 lb. (36.3 kg) bags, coverage 3250-4250 ft.² per ton. DIAMOND Brand Veneer Basecoat Plaster, 80 lb. (36.3 kg) bags, coverage 3500-4600 ft.² per ton. IMPERIAL Brand Finish Plaster, 80 lb. (36.3 kg) bags, coverage 3500-4000 ft.² per ton. DIAMOND Brand Interior Finish Plaster, 50 lb. (22.7 kg) bags, coverage 5500 ft.² per ton. USG Decorative Interior Finish Sealer, 5-gal. pails, coverage 300 ft.² (27.8 m²) per gal., depending on application method. Storage: Store in a cool, dry place. Avoid direct sunlight. Maintain temperature above 40° F (4° C) Shelf life: Up to 12 months under protected storage conditions. Rotate stock.</p>				
<p>Submittal Approvals:</p>	<table border="1"> <tr> <td data-bbox="284 1480 933 1543">Job Name</td> <td data-bbox="933 1480 1481 1543"></td> </tr> <tr> <td data-bbox="284 1543 933 1585">Contractor</td> <td data-bbox="933 1543 1481 1585">Date</td> </tr> </table>	Job Name		Contractor	Date
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