

MR-MANUFACTURER

IMPERIAL® QT Spray Texture is manufactured by United States Gypsum Company, a leader in construction materials and building systems for 90 years.

PP-PRODUCT PRESENTATION

IMPERIAL® QT Spray Texture Finish is a non-asbestos powder product for producing handsome simulated acoustical ceiling finishes with no acoustical correction. It is formulated with polystyrene aggregate for spray application in four textures: Fine, Medium, Coarse, and Super. Requires only addition of water and nominal soaking period at job sites. Produces excellent bonding qualities for application to gypsum panels, concrete, plaster or wood. High wet and high dry mask minor surface defects for impressive monolithic effect. Finish dries to exceptional whiteness so that it can be left unpainted, although it may be overpainted if desired. White only. May be used with **USG® Latex Additive**, a latex emulsion that provides increased bond and surface hardness when added to wet-mix at a rate of 1 to 2 pints per bag of Finish. Surface burning characteristics: flame spread 5, smoke developed 0 for polystyrene-aggregated formulation applied over SHEETROCK® brand Gypsum Panels. Limitation: not recommended for use where constant humid conditions exist.

Features

Versatile textures and patterns -- Four interesting textures allow choice of finish to match decorating schemes. Wide variety of possible texture patterns can be achieved.

Economical -- Fast-pumping, low-cost spray application; quick drying. Also hides minor surface blemishes to reduce surface preparation needed. Saves labor time to preserve job profits.

High quality and consistent performance -- Special formulations provide durable, uniform finishes, predictable results. Full range of texture finishes reflects decades of research and testing, both in the laboratory and the marketplace.

Unit responsibility -- Use of texture finish products from U.S. Gypsum Company brings the important advantage of dealing with a single manufacturer for the components of the finished wall or ceiling.

General Limitations

The most common causes of finish failures on interior surfaces are: (a) Base surface not dry; (b) Surface improperly cleaned and patched; (c) Variable suction in the base; (d) Failure to use proper treatment for different surfaces, conditions and finishes. It is estimated that 75% of interior finish failures are due to neglected or improper preparation before the finish container was opened.

Satisfactory results with these finish products, as with all finishes, depend upon good job practices:

- 1.** Surfaces to be finished must be clean, dry, sound; free of grease, oil, wax, dust or other foreign matter; free of flaking, crumbling or chalking conditions;

must be properly prepared.

2. Before texturing, apply a prime coat of SHEETROCK® First Coat or a good quality, white interior latex flat wall paint with high solids content.
3. Atmospheric and structural temperatures must be 55°F minimum during and after application (until building is occupied). Unvented gas or oil heaters should not be used. Provide adequate ventilation at all times for proper drying.
4. Finishes of the water-thinned type should not be used over wallpaper having water-soluble colors. Must be protected from freezing.
5. New unpainted plaster (except veneer plaster), stucco, poured concrete, patches in masonry surfaces must age 60 days minimum prior to paint application. Any other limitations are stated in the label directions for the paint product used.
6. Heavy water-based textures may result in sagging of gypsum board ceilings under these conditions: high heat and humidity, improper ventilation and/or board application to framing and insufficient board thickness for span between supports. Application of a primer equalizes surface porosity and provides a uniform color. Primers are not intended to reduce sag potential. When using water-based textures, refer to the following table:

Board Thickness: **3/8"**

Ceiling application method

(long edge relative to frame): **Not Recommended**

Board Thickness: **1/2"**

Ceiling application method

(long edge relative to frame): **Perpendicular Only**

Maximum Frame Spacing o.c.: **16"***

Board Thickness: **5/8"**

Ceiling application method

(long edge relative to frame): **Perpendicular Only**

Maximum Frame Spacing o.c.: **24"**

Note: Double layer laminated, 3/4" or greater total thickness -- 24" o.c.

* If 1/2" SHEETROCK® brand Interior Gypsum Ceiling Board is specified, maximum frame spacing is 24" o.c.

UA-USES, APPLICATIONS

These products may be used to create aggregated textured finishes on ceilings.

AI-ASSEMBLY, INSTALLATION

All surfaces, including joint compound applications, filling or patching treatments, shall be dry, clean and sound. Remove any water-soluble materials from surface. Dull or roughen any glossy surfaces. Prime metal surfaces with a rust-inhibitive primer. Fill and seal any exposed wood surfaces.

Allow new concrete ceilings and any new concrete patches or repairs to age at least 60 days before applying texture finishes. Remove form oils or parting materials, efflorescence, grease and other deposits from concrete surfaces. Finish patched or repaired areas to provide a uniform texture and surface.

Grind down any ridges or other protrusions resulting from forms or other causes to the same level as adjacent surfaces; remove all grinding sludge or dust. If filling is required, apply a SHEETROCK Setting-Type (DURABOND®) or Lightweight Setting-Type (EASY SAND™) Joint Compound, or COVER COAT® Compound. Apply in as many coats as are needed to provide a level, crack-free fill without edge joinings that show through decoration.

Exercise special care to provide a smooth, level surface, free of irregularities, in areas that will be exposed to sharply angled lighting.

In drywall construction, treat joints and fastener heads with a joint system manufactured by United States Gypsum Company, following manufacturer's instructions. Smooth and fill any scratches or scuffs in gypsum drywall surfaces.

Painted Surfaces - Lightly sand to dull any sheen and develop "tooth" for good bond. Wash surface with a strong detergent from the bottom up to remove any dust, dirt, or sheen. A strong solution of TSP (trisodiumphosphate) works best. Follow manufacturer's directions on the container.

NOTE: Texturing over previously painted, or textured, or stained substrates may require application(s) of a stain-blocking sealer to obtain uniform color (check manufacturer's instructions for stain containment instructions). Prevent rust stains by spot priming bare metal with a good rust inhibitive primer and let dry prior to the full surface priming.

When all surfaces are prepared and dry, apply a full coat of SHEETROCK First Coat or a good-quality, undiluted white interior latex flat wall paint with high solids content over entire surface. Allow to dry.

Application

Apply at a coverage rate not to exceed directions printed on container. Apply material to blend uniformly and cover fully without starved spots or other evidence of thin application. Provide uniform texture without application patterns. Remove any texture droppings or overspray from walls, windows and floor, leaving room clean for following trades.

Redecorating a Textured Ceiling - A paint coating may be applied over a new, dry, textured ceiling for additional surface hardness or hide, or to impart a tint or color to the texture surface. Best results are obtained when the paint is spray applied. If rolled, use a long nap paint roller with 1/2" to 3/4" nap to minimize removal of the polystyrene aggregate. Brush application of paint over a textured ceiling is *not recommended*.

An aged textured ceiling can be painted if the surface has been primed with a stain-blocking sealer to prevent leaching of any stains that may have absorbed into the texture over time (check manufacturer's instructions for stain containment instructions). An aged textured ceiling may be resprayed with additional texture to cover cracks, blemishes and to brighten and rejuvenate the ceiling. All surface preparations for texturing must be followed, and a stain-blocking sealer should be applied over the aged texture to minimize the potential for leaching of any stains absorbed over time by the texture.

MF-MATERIALS, FINISHES

Products include spray-applied textures.

CS-COATINGS, SURFACINGS

A ceiling texture product containing polystyrene aggregate that is available in Fine, Medium, Coarse or Super aggregate grades for decorating variety.

TS-TECHNICAL SUPPORT

For further information on specifications, design criteria and product performance, order catalog *SA-933 Texture and Finish Products* by calling toll-free 1-800-USG-4YOU (874-4968).

OM-OPERATION, MAINTENANCE

Contact local U.S. Gypsum Company Sales Office with any questions about maintenance and replacement recommendations.