



# Hamilton Prep Coat Powder

## Multi-Purpose Drywall Completion System



The production of a smooth, or lightly textured finish over gypsum drywall has always been a potential problem. Hamilton's Prep Coat can be the solution.

MADE IN THE USA

**What is it?**

Prep Coat is a Drywall Completion Coat designed to improve the quality of the drywall finish. It is recommended for use prior to the application of texture or decoration to minimize texture variation between finished gypsum surface and gypsum face paper. **It is not, and should not be considered as, a "sealer", or an architectural coating.**

**Why do you need it?**

There is, and has always been, a surface texture differential between the drywall face paper and joint compounds used for concealment of joints, fasteners and trims. Even with the best drywall finishing techniques, those surface differentials may be visible after texture and painting. The likelihood of this problem occurring is greatly increased when severe side lighting, gloss finishes or light textures are present. Prep Coat, when applied over a properly finished drywall installation, provides a surface with minimal differential, ready for decoration.

**Benefits:**

Prep Coat provides a smooth, sandable surface, eliminating problems often caused by porosity variations between finished joints and untreated gypsum wallboard paper.

**Limitations:**

It is recommended that the desired level of finish be applied in accordance with "Levels of Gypsum Board Finish" as developed by the AWCI, DWFC, PDCA and the Gypsum Association.

**Level 5 Option:**

Prep Coat applied with two coats at 8-10 mil wet film thickness will suffice within the criteria of GA-214 and ASTM C 840 in lieu of a skim coat. Allow to dry thoroughly before applying second coat.

# Prep Coat Product Data Sheet

- 1. Recommended Use** | Any drywall surface to be decorated with gloss paints, or subject to severe lighting conditions, should be treated. Surfaces to be finished smooth, with no texture, whether flat or gloss finish is specified, should likewise be treated. This product is also recommended for use prior to application of texture to minimize texture pattern variation.
- 2. Packaging** | 50 lb. bag powder / 54 bags per pallet
- 3. Coverage** | Approximately 175 square feet per gallon when applied at 8-10 mil wet film thickness (full coat coverage is required to be effective)
- 4. Mixing** | Add powder to water at a ratio of 5 gallons of water per 50 lb bag. After mixing thoroughly adjust mix to produce approximately 8 gallons of finished product per bag. NOTE: Overmixing with power drill may entrain air. Avoid power mixing at high speed.
- 5. Job and Surface Conditions** | Maintain a minimum air temperature of 50° F (10° C) during application, and until completely “dry” and stable. Surfaces must be thoroughly dry and free of dust and foreign substances. Glossy surfaces should be dulled and metal surfaces primed with a rust inhibitive primer. Particular attention should be given to metal trims with large exposed surfaces (such as “Bullnose”) which ideally should be primed before application of Prep Coat.
- 6. Application** | May be applied by airless or conventional spray. It is recommended that the mix be filtered prior to application. Conventional (air) equipment must be capable of sustaining adequate air pressure to produce a fine spray during application.
- 7. Equipment** | Airless Spray: Minimum pump capacity of one gallon per minute. Recommended tip size .019” - .021”. Various other tip sizes may be used depending on preference and skill of applicator.
- 8. Sanding** | Prep Coat produces an excellent, sandable surface. In the event fine finish sanding is required, the use of 220 grit mesh screen is recommended. “Wet sanding” or sponging is preferred. **Do not over sand.**
- 9. Decoration** | Prep Coat is designed as a basecoat for interior surfaces and is not intended as a sealer. Undercoaters and sealers may be applied directly over Prep Coat. Prep Coat does not address the problems associated with water soluble contaminants, nor lack of uniform holdout of gloss finishes, both of which should be covered by the painting specification.

## Submittal Approvals

Job Name: \_\_\_\_\_

Contractor: \_\_\_\_\_

Date: \_\_\_\_\_