

## Application Instructions

**FOAMGUARD** requires no thinning and can be applied by using airless spray equipment. For smaller areas not practical for spray applications, brush or rollers may be utilized.

All polyurethane foam surfaces shall be coated within 24 - 72 hours following the final application of the polyurethane foam. However, any physical damage to the polyurethane foam shall be repaired prior to the beginning of any coating application. All polyurethane foam surfaces shall also be completely dry and free of any degraded foam, grease, oil, dirt or other surface contaminants which could interfere with the proper adhesion of **FOAMGUARD**. The final surface texture of the polyurethane foam shall be a smooth to medium "orange peel". Surface textures such as "popcorn" or "tree bark" are not considered acceptable.

**FOAMGUARD** applied at the rate of 1 1/2 gallon per 100 (sq. ft.) will theoretically yield 14.4 dry mils. This theoretical thickness is based upon a smooth, non-porous surface. The actual dry film thickness achieved in the field application is dependent upon weather conditions, method of application, and surface textures. It is the sole responsibility of the coating applicator to apply the proper amount of material required to achieve the minimum dry film thickness specified for the given warranty requirements for the project.

A second application of **FOAMGUARD** shall be applied at a rate of 1 gallon per 100 (sq. ft.) which will theoretically yield an additional 8.4 dry mils. A third or fourth coat of **FOAMGUARD** may be required to achieve the actual dry film thickness required. The total application of **FOAMGUARD** shall not be less than 2 1/2 gallons per 100 (sq. ft.).

To ensure a proper film build, cure, and a pinhole free film, each application shall be

applied in a direction perpendicular to the previous coat of **FOAMGUARD**, or **PRIMEBASE** (base coats). Never exceed more than 1 1/2 gallons per coat on 100 sq. ft. of surface area.

## Warranty Information

To qualify for KM Coatings Mfg., Inc. material warranty the following dry film thicknesses will be required:

**5 Year** - 25 dry mil minimum

**10 Year** - 35 dry mil minimum

**15 Year**- 45 dry mil minimum

## Recommended Spray Equipment

Airless spray equipment is best suited for field applications. The following minimums are recommended:

**PUMP:** 1 1/2 gallon per minute output and 3,300 psi pressure capability.

**GUN:** Any airless hand gun compatible with the pump used.

**SCREEN SIZE:** Filter screens should be 30 mesh or larger.

**TIP SIZE:** A tip with orifice sizes ranging from .027" - .039" (.69 - .99mm) and a fan angle of 40 ° or 50 °.

**FLUID HOSE:** Nylon high-pressure hose with varied inside diameters depending on length. 75ft. or less 3/8" minimum

The following to be added to pump side of existing 3/8": 75ft. -200ft. 1/2". 200ft. & Over 5/8: to 3/4".