

Application Instructions

ARCTIC CAP 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 surfaces to be coated shall be completely dry and free of any grease, oil, dirt or other surface contaminants which could interfere with the proper adhesion of **ARCTIC CAP**.

The first coat of **ARCTIC CAP** shall be applied at the rate of 1 ½ gallon per 100 (sq. ft.) which will theoretically yield 12.50 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 **ARCTIC CAP** shall be applied at a rate of 1 gallon per 100 (sq. ft.) which will theoretically yield an additional 8.7 dry mils. A third or fourth coat of **ARCTIC CAP** may be required to achieve the actual dry film thickness. The total application of **ARCTIC CAP** shall not be less than 2 ½ 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 **PRIMEBASE** or **ARCTIC CAP** making sure the roof is clean, dry and dust free between applications. NEVER exceed more than 1½ gallons per 100 (sq. ft.) per coat.

Warranty Information

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

5 Year Standard - 20 dry mil minimum.

Recommended Spray Equipment

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

PUMP: 1½ 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".