

Surface preparation

All surfaces shall be clean and free of dirt, dust, greases, oil, or any other foreign contaminants. On new concrete roofing substrates, surface shall not contain any curing compounds, form release agents or laitance materials prior to the application of **PRIMEBASE HV**. If these conditions exist, do not apply material until all compounds have been removed from the concrete substrate. Mechanical abrasion may be necessary in preparation of the surface.

Application Instructions

PRIMEBASE HV 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.

PRIMEBASE HV applied at the rate of 1½ gallons per 100 (sq. ft.) will theoretically yield 12.50 dry mils. This theoretical thickness is based upon a smooth, non-porous surface. The actual wet film thickness achieved in the field application is dependent upon weather conditions, method of application, and surface textures. On mineral surfaced substrates, 2 gallons per 100 (sq. ft.) will be required to ensure the polyester fabric is totally saturated. It is the sole responsibility of the coating applicator to apply enough material to thoroughly saturate the polyester fabric. After applying the fabric to the first coat of **PRIMEBASE HV**, apply an additional coat of **PRIMEBASE HV** at 1½ gallons per 100 (sq. ft.) and ensure polyester fabric is totally encapsulated. The above sequence of installation shall be completed as one operation. 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 and with the additional coat being backrolled.

Warranty Information

To qualify for KM Coatings Mfg., Inc. material warranty, the following dry film thickness will be required including the application of KM Coatings FINALCOAT topcoat; see Shieldcoat System

10 Year - 52 dry mil

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 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. to 200ft. 1/2", 200ft. & over 5/8" to 3/4"