

PRIMEBASE HV

™ Styrene Acrylic Elastomeric Basecoat

Technical Data & Application Instructions

Product Description & Use

PRIMEBASE HV is a styrene acrylic water-based elastomer roof coating designed specifically for use with KM Coatings SHIELDCOAT™ elastomeric roofing system. This high solids basecoat was formulated for applications utilizing stitchbonded polyester fabric. It forms a tenacious bond to wood, concrete, metal, smooth surfaced built up, and modified roofing substrates. The resulting system will form a fully adhered watertight membrane to the properly prepared surface.

PRIMEBASE HV shall always be topcoated to achieve U.V. resistance. Refer to separate literature entitled KM FINALCOAT, or consult a KM Coatings technical representative for the proper surface preparation and topcoat requirements. **PRIMEBASE HV** is available in standard gray. KM Coatings Mfg., Inc. provides a no cost 10 year warranty through approved applicators only. Refer to separate warranty literature for more specific warranty coverage. Also refer to application instructions for minimum application rate requirements on above mentioned warranty.

Packaging and Mixing

PRIMEBASE HV is a single component material available in 5 gallon pails, 55 gallon drums and 220 gallon totes. Thoroughly mix all containers a minimum of 5 minutes prior to the application of the material utilizing a 3" diameter mixing blade for 5 gallon pails and a 6" diameter mixing blade for 55 gallon drums.

Product Properties

(ASTM D6083 Test Methods)

Solids by weight: (D1644)	66.7%
Solids by volume: (D2697)	51.6%
Weight per gallons	11.9 lbs
Elongation at break: (@73°F) (D2370)	394%
Tensile Strength: (@73°F) (D2370)	264 psi
Dry Time to Touch:	2 hrs @ 75° F
Weight per Gallon:	11.3 lbs/gal
VOC's	.664 lb./gal (79.6 g/l)

Precautions & Limitations

PRIMEBASE HV should not be applied when the roof surface is below 40°F (5°C), or when there is a possibility of temperatures falling below freezing. Cool temperatures and high humidity will retard the cure of the **PRIMEBASE HV**. Caution should be taken to not apply product if weather conditions will not allow a complete cure before rain, dew, or freezing temperatures. Refer to MSDS for additional health & safety precautions prior to use. Always store material in a temperature controlled environment and out of direct sunlight ensuring that product is not exposed to temperature extremes.