



ASTEC #2000 Protective Base Coat

1/29/04

PRODUCT DESCRIPTION

ASTEC #2000 Base Coat is a fluid applied high solids (69% by weight) acrylic formula that cures to form a minimum 15 mil DFT waterproof membrane having superior strength and flexibility over the entire roof area. The high flexibility and tensile strength resins used insure performance, adhesion and conformity to the most difficult of surfaces.

ASTEC #2000 Base Coat is a surface bonding and waterproof membrane that protects the substrate from water intrusion. **ASTEC #2000 Base Coat** has both high tensile strength and exceptional elongation that provide the optimum physical properties for a monolithic roofing system. These high performance polymers provide exceptional adhesion to the thousands of varied roofing systems that **ASTEC #2000 Base Coat** can seal up without the need of tearing off the present system. The **ASTEC #2000 SYSTEM** adds less weight to the existing roof structure than most other conventional systems and yet maintain performance through-out the life of the warranty term. Applicable surfaces include built-up (no gravel), lightweight concrete, polyurethane, modified bitumen, EPDM, single ply, cap sheet and many other membrane roof surfaces. **ASTEC #2000 Base Coat** may be combined with **ASTEC #101 Accelerator** to enhance cure time. (see **ASTEC #101 Accelerator** product sheet for instructions)

COMPOSITION

ASTEC #2000 Base Coat is a high solids formulation using the most advance acrylic polymers and the highest quality UV resistant pigmentation available. The materials provide UV resistance, brightness and durability. The **ASTEC #2000 Base Coat** is light gray, allowing for faster and more uniform drying. **ASTEC #2000 Base Coat** is used to flash around vent pipes and

other protrusions maintaining the seamless and uniform membrane that can be provided when using these materials.

APPLICATION

ASTEC #2000 Base Coat may be applied by brush, roller or sprayer. If using a roller, use a deep nap (1" or Longer) industrial roller. For best results, use airless spray equipment that delivers at least two gal/min at no less than 2000 PSI for proper atomization using a tip size of a .021 to a .031. **ASTEC #2000 Base Coat** comes in a spray grade and should not be thinned without prior written confirmation from the manufacture.

LIMITATIONS

Because this product is water based, application shall not begin during inclement weather; when precipitation appears imminent; when freezing conditions are imminent; or when freezing may occur within 24 hours. It also requires at least two hours of full sun drying time before it can withstand exposure to heavy dew or light rain. No ponding at all is allowed within 21 days(full cure time) of application or 48

hours when using **ASTEC #101 Accelerator**. Applications to hot surfaces should be cooled to below 140°F. On dark or hot surfaces warmed by external radiant energy, this may be accomplished by the application of a light mist coat (250 sf/gal) of white **ASTEC #2000 Finish Coat** regardless of finish color desired, prior to the specified double application of the **ASTEC #2000 Coating System**. Application to new, hot mopped tar or other petroleum based materials must wait until after the petroleum has fully cured, usually 60-90 days. New metal surfaces must be free of grease and oily residues. Pressure wash with TSP, other suitable detergent, or with a vinegar solution. New mortar and or

QUICK FACTS

Weight/gal	13.3 lbs.
Solid Contents	69% (by weight) 65% (by volume)
Coverage Rate	66-67 sf/gal
Dry Film Thickness	15-16 mils
Solvent Type	Water
Prime Pigments	Titanium
Color	Med Gray
Average Dry Time @ 75°F	1-2 hours touch 48 hours full dry 21 days full cure



Product Specification

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freshly poured concrete must be allowed to cure 30 days before applying **ASTEC #2000 Base Coat**.

MAINTENANCE

Check it every 6 months for structural damage and remove accumulated debris. Check finish coat annually for surface integrity. Repair any cuts, cracks or punctures according to appropriate Application Specification.

PACKAGING

Product comes in 2 and 5 US gallon buckets and in 30 and 55 US gallon barrels.

STORAGE

With proper storage, the shelf life of **ASTEC #2000 Base Coat** is 6 months. Do not store in direct sunlight, on roof prior to use, or near high heat sources. Air temperature of storage area shall be maintained between 40°F to 110°F. During long term storage, it is recommended that containers be turned upside down or shaken every 3 months to retard complete separation of solvents and solids.

WARRANTY

The technical data furnished herein is true and accurate to the best of our knowledge. However, no guarantee of accuracy is given or implied. ICC guarantees its products as to the quality control procedures used in their manufacture as of the date of sale. Specific warranties are available through ICC's Technical Services Department.

HEALTH AND SAFETY

Product is non-toxic and non-flammable. See this product's Material Safety Data Sheet for further information.