



ASTEC WPM #10 Fibred Waterproof Membrane

2/18/04

PRODUCT DESCRIPTION

ASTEC WPM #10 waterproofing is a fluid applied acrylic formula, with high solids and fiber which dries to a tough, yet flexible and monolithic membrane that does not permit the passage of water. Applied as specified, WPM #10 is intended for use on roofs and walls – especially over seams, fasteners, joints, flashings, intrusions, and repairs. This product is intended as a base coat to be covered with an ASTEC finish coating for extended protection from ultraviolet and environmental degradation. WPM #10 may be combined with ASTEC #101 Accelerator to enhance cure time. (see ASTEC #101 Accelerator product sheet for instructions)

COMPOSITION

ASTEC WPM #10 is a high solids formulation using the most advanced and highest quality acrylic polymers. The standard color for WPM #10 is light green.

DURABILITY

Applied as specified, a 40 mils thick dry film coating of ASTEC WPM #10 will remain durable for a minimum of 10 years due to its extremely high elongation and tensile strength. Because ICC specifies a protective covering of ASTEC finish coating, WPM #10 durability is therefore linked to the topcoat's surface integrity.

APPLICATION PREPARATION

Surfaces to be coated with ASTEC WPM #10 must be clean, structurally sound, and dry. All block, brick, metal, or masonry surfaces must be cleaned thoroughly and free of all efflorescence, dirt, or debris at each stage. Rusted or bare metal surfaces must be also treated with ASTEC B-16-71 Metal Primer prior to application.

Masonry surfaces are treated with ASTEC CMCE Masonry Primer. (See product specification.)

APPLICATION

Apply is by brush or industrial roller. ASTEC WPM #10 is NEVER reduced in water. Apply directly out of container. Recommended rates of coverage and dry film thickness vary by substrate and purpose. Usual specifications call for a two coat application over seams, flashings, and repair areas to a combined thickness of 40 mils or 25sf/gal.

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. (Dry time will be reduced when combined with ASTEC #101 Accelerator-see product sheet) No ponding at all within 48 hours of application. 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 detergent, or with vinegar. New mortar and or freshly poured concrete must be allowed to cure 30 days.

MAINTENANCE

If used on a roof, check it every 6 months for structural damage and remove accumulated debris. Check ceramic finish coat annually for surface integrity. Repair any cuts, cracks or punctures according to General Requirements of Application Specification.

QUICK FACTS

Weight/gal	13.5 lbs.
Solid Contents	69% (by weight) 65% (by volume)
Coverage Rate	25 sf/gal
Dry Film Thickness	40 mils
Solvent Type	Water
Permeance	27.8
Prime Pigments	Titanium
Color	Green
Average Dry Time	1-2 hours touch 48 hours full dry 21 days full cure



Product Specification

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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 WPM #10** 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. Authorized Dealers.

HEALTH AND SAFETY

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

Note

1. Coverage rate is 50 lin. Ft/gal @ 6", 75 lin.ft/gal @ 4".(25 sq/ft per gallon = 40 mils DFT)