

# Cool-Cap M-100 White Coat



## GENERAL DESCRIPTION

Cool-Cap M-100 White Coat is a reflective, white, water-based, elastomeric 100% acrylic, co-polymer resin coating. High reflectance decreases the roof temperature assisting in mitigation of the urban heat island effect. E.P.A. Energy Star and L.E.E.D. Qualified.

## BASIC USE

Cool-Cap M-100 White Coat is to be used as the reflective top coat over Cool-Cap M-700 Base Coat when installing the Cool-Cap White Coat over Hydrocap160 cap sheet or Flex-Flash MB flashing. M-100 White Coat is formulated to promote the highest degree of adhesion and water resistance. M-100 can also be used as a reflective coating for Hydrotech’s Ballast Pavers.

## APPLICATION

- The properly primed (M-700 Base Coat) Hydrocap 160 or Flex-Flash MB surfaces to be coated must be clean and free of dust, dirt, oil, grease, algae, fungi, mildew or any foreign matter, which will prevent or inhibit proper coating adhesion. Base coat is not required for ballast paver applications.
- Stir material well prior to application and apply M-100 White Coat evenly at a rate of 1.5 gallons per 100 square feet with 3/4” nap roller, brushes or spray (2,000-3,000 psi, 1-2 gal/min airless sprayer w/.027-.039” wide-fan tip and 3/8-1/2” inside diam. hose). For paver applications, 2 coats at 1 gallon per 100 square feet must be applied.
- Allow to dry and inspect for flaws, pin holes, voids and insufficient coverage and recoat as necessary.

## LIMITATIONS

- Do not apply if rain is expected within twenty-four (24) hours of application or in high humidity or heavy fog.
- Do not apply if ambient or surface temperatures will be <50°F or >100°F before curing is complete.
- Ensure a minimum of 4 hours of daylight remains after application to allow for proper curing.
- KEEP MATERIAL FROM FREEZING!

## PACKAGING

M-100 White Coat is available in 5 gallon pails and 55 gallon drums.

## TECHNICAL DATA

PROPERTY	TEST METHOD	RESULTS
COLOR		Gray
VISCOSITY @ 73 °F (KU)	ASTM D562	105-115
SOLIDS BY VOLUME (%)	ASTM D2697	>50
SOLIDS BY WEIGHT (%)	ASTM D1644	>60
VOC (grams/liter)		<50
DRY TIME: to touch		1-2 hours
to recoat		16-24 hours

**LEED INFORMATION**

	Credit 4	Credit 5
Recycled Content (% by weight)		
Manufacture Location		
Extraction/Harvesting Location		
VOC Content (g/L)		

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