



american coating technologies

www.amcoating.com

Product Technical Data

AM 1100 Moisture Tolerant Concrete Primer

Product Description

AM 1100 is a 100% solids low viscosity primer designed for sealing concrete. Its slow cure rate makes it ideal for warm weather applications. AM 1100 is a 100% solids, low viscosity epoxy primer designed for deep penetration and sealing of DAMP concrete surfaces.

AM 1100 helps eliminate outgassing and bubbles. AM 1100 can be applied to green concrete as young as seven days.

Color:

Light Amber

Container Size:

1 or 2 gallons

Coverage per gallon (Theoretical):

300-500 sq. ft. depending on porosity of concrete.

Elongation @ 3 mils:

15%

Flash Point:

Greater than 250°F (121°C)

Pull-Off Adhesion Test ASTM D 4541:

Minimum adhesion is 2750 psi

Recommended Thickness:

3-5 mils (uses 2 coats on concrete with high porosity)

Specific Gravity:

Resin: 1.08
Hardener: 0.94

Volatile Organic Compounds (VOC):

0 grams/liter

Weight Per Gallon:

9.41 lbs

Pot Life:

@ 50°F (10°C)* 28 hours
@ 75°F (24°C) 4 hours 10 minutes
@ 92°F (33°C) 1 hour 30 minutes

*not recommended below 55°F

Note: Do not keep the blended coating in the original container unless immediate use is planned. Otherwise, exothermic heat created during the curing process will considerably shorten the pot life. Pour the coating into a rolling tray or large aluminum-basting pan. Try to keep the depth of the coating in the tray below 3/8".

Pump Specifications:

Pump Ratio	25:1 or greater
Minimum Output	2500 psi
Product Hose:	
Min.—Optimum I.D.	0.375–0.5 inch
Max. Length	100 feet

Cure Time (AT 70°F or 21°C):

Re-coat Window	5-12 hours
Touch Free	12-15 hours*
Full Cure	7 days

*Fast Cure and Winter Formulas available

Safety:

Mixes and applications of this product present a number of hazards. Read and follow the hazard information, precautions and first aid directions on the individual product labels and material safety data sheets before using. While all statements, technical information, and recommendations contained herein are based on information our company believes to be reliable, nothing contained herein shall constitute any warranty, express or implied, with respect to the products and/or services described herein and any such warranties are expressly disclaimed.

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Features & Benefits:

- 100% Solids, No VOCs
- Low viscosity, moisture tolerant deep penetrating sealant
- Eliminates outgassing caused by traditional primers

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