



**american coating technologies**  
www.amcoating.com

# Product Technical Data

## AM 602LV FS Moisture Remediation Primer (Fast Set)

### Product Description

AM 602LV FS is a two component, 100% total Solids epoxy moisture remediation primer formulated to Reduce moisture vapor created in either green or old Concrete during mixing. AM602 LV FS can be applied at any time after 24 hours of the concrete being Poured, eliminating the traditional 28 day cure period. Before applying an epoxy, vinyl tiles, sheet goods or Wood flooring system.

AM 602LV FS will reduce a Moisture vapor emission rate of 24 pounds to Approximately 3 pounds as per the Calcium Chloride Test.

### Special Features

- Reduces Alkalinity Down to a pH of 9
- Low Odor/Solvent Free/ V.O.C. Compliant
- U.S.D.A./C.F.I.A Compliant
- Semi-Gloss Appearance
- Meets ASTM C-884 Compatibility with Concrete
- Moisture Remediation Primer
- Good Chemical Resistance
- Fast Turnaround Times (4 Hours at 73°F)
- Eliminates 28-Day Cure Period
- Available in a Self-Leveling Version for Green Concrete
- Bedding Grout Available for Acid Brick or Ceramic Tiles to Green Concrete
- Excellent Adhesion to Clean, Sound, Damp Concrete

### Application:

- Primer for Adhesives, Wood, Tile, and Sheet Goods
- Primer for Epoxy Flooring
- Moisture Remediation Primer for Concrete
- Primer and/or Bedding Grout for Acid Brick or Ceramic Tiles
- As a Sealer to Help Prevent Oil and Grease From Penetrating into the Concrete
- As a "Curing" Primer for Green Concrete
- As a Stand Alone Sealer/Topcoat
- Applied by Squeegee or Roller

### Packaging:

Available in the following sizes:  
1 Gallon, 2 Gallon, and 4 Gallon

### Coverage:

As a remediation primer, the coverage is 100 SF per Gallon. When used as a stand alone primer/topcoat, the Coverage will be approximately 160 SF per gallon. (Coverage will vary depending on surface texture and Porosity.)

### Colors:

Gray, Dark Gray, Green and Un-pigmented. Special colors available upon request.

### Moisture Vapor Emission Testing:

Please test using the Anhydrous Calcium Chloride test per ASTM F 1869-04. Detailed testing procedure Available from American Coating technologies

### Density (lbs/Gallon):

Part A 13.68  
Part B 8.88

### Weight Per Mixed Gallon:

Green 12.48 pounds  
Part A 10.28 pounds  
Part B 2.2 pounds

*\*Varies by color*

### Mix Ratio by Volume:

3:1 Part A to Part B (Pigmented)  
2:1 Part A to Part B (Clear)

### Mix Ratio By Weight:

4.7:1 Part A to Part B (Pigmented)  
2.25:1 Part A to Part B (Clear)

### Pot Life:

30 minutes at 73°F  
Set Time at 73°F  
Re-Coat Time 4 Hours  
Foot Traffic (approx.) 6-8 Hours  
Installation of Adhesive 16 Hours

### Shelf Life:

2 Years in Unopened Containers  
NOTE: DO NOT APPLY OVER CURING COMPOUNDS, DENSIFIERS OR HARDENERS.

### Application Temperatures:

Can be applied to temperatures ranging from 35°F to 90°F.

### Clean Up:

AM 602LV FS, while still wet, can be cleaned up With warm soapy water, but if allowed to set then Mechanical cleaning or the application of a paint Stripper/ solvent may be used.

### Precautions:

For moisture vapor emissions greater than 24 pounds, please consult American coating technologies. Do Not Apply over concrete hardeners, densifiers or curing compounds. As with all epoxies, good hygienic habits must be observed and the wearing of protective clothing and gloves is advised.

### Mixing and Application

#### Instructions:

Detailed mixing and application instructions are available Upon request and must be adhered to.

See reverse side for limitations of our liability and warranty.

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LIMITATIONS ON OUR LIABILITY**

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