



# ARMOR POLYMERS Moisture Vapor Armor

## TECHNICAL DATA SHEET

Revision Date: 05/22/22

### DESCRIPTION

Moisture Vapor Armor is a clear 2-component, 100% solids, low odor, low viscosity epoxy that is specifically formulated as a moisture barrier coating to treat new and existing concrete floors with high moisture and high pH. Moisture Vapor Armor can be used as a one-coat moisture vapor barrier coating suitable for various types of concrete. The low viscosity formula not only promotes deeper concrete penetration for superior substrate adhesion, but also generates higher propensity for sealing and blocking moisture drive than standard epoxy flooring product.

### EPOXY HARDENER – SELECTION GUIDE

Armor Polymers offers you 2 types of hardeners depending on application demands and ambient temperature conditions. An appropriate hardener (Part B) should be chosen for the best curing results. If in doubt as to the correct (Part B) to use just ask us.

**Moisture Vapor Armor** allows an application ranging between 50°F to 80°F. This hardener is our primary work-horse, a well-rounded system, perfect for versatile applications.

**Moisture Vapor Fast Armor** is designed for faster set times, or lower temperature application ranging between 40°F to 60°F.

### TYPICAL USES

- Manufacturing & Warehouse Floors
- Laboratories
- Mechanical Rooms
- Animal Care Areas
- Shop Floors
- Loading Docks
- Pharmaceutical Plants
- Retail Stores
- Multiple-Unit Housing
- Institution Facilities
- Excellent Moisture Blocker
- Underneath any Coatings Showing Concrete Contamination
- Underneath Various Floorings Such as Carpet, Wood, Rubber, Vinyl, Tile, & Linoleum/PVT

### BENEFITS

- 100% Solids, Low VOC, Low Odor
- Vapor Control for High Moisture and High pH Slabs
- One-Coating Moisture Vapor Barrier
- Excellent Concrete Adhesion
- Standard and Fast Drying Times
- Low Viscosity for Deeper Concrete Slab Penetration
- Controlled Vapor Pressure up to 25lbs.

### COLORS

Clear

### PACKAGING

3 gallons & 15 gallons (2 Sided Kits)

### COVERAGE

Approximately 100 sq.ft. per gallon @ 16 mils.

### STORAGE

This product has a maximum shelf life of one year when stored off the ground in a dry area at 50° to 110°F, in the original sealed container.

### HANDLING/SAFETY

Warning! Eye and skin irritant. May cause dermatitis and sensitization. Always read and understand the product SDS. Avoid contact with eyes, skin or clothing. Avoid breathing vapor, mist or spray. Use with good ventilation.

### LIMITATIONS

This product is best suited for application in temperatures between 60°F and 90°F. Do not use to grout coat over aggregate. [Certain colors appear white when scratched such as blue based.] Higher temperatures will result in faster dry times and/or poor workability. Color may vary due to batch-to-batch variation, especially in higher temperature. Do not apply over ponding water.

### FIRST AID

In case of contact:

1. Eyes: Immediately flush with water for at least 15 minutes.
2. Skin: Immediately remove from skin with dry cloth followed by thorough washing with soap and water.
3. Inhalation: Remove to fresh air. If breathing is difficult, give oxygen.
4. Ingestion: Immediately call a Poison Center/Doctor. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position.