



## DUR-A-GLAZE MVP Primer

### DESCRIPTION

Dur-A-Flex DUR-A-GLAZE MVP PRIMER is a clear, 100% solids epoxy moisture mitigation system formulated to bond to concrete with relative humidity (RH) as high as 99% (at 40% depth). It is designed to reduce moisture vapor emission levels up to 20 lbs/1000 sq. ft./24 hours to 3 lbs/1000 sq. ft./24 hours or less.

### BENEFITS

- Reduces moisture levels to 3 lbs./1,000 sq. ft./24hours or less
- VOC 0 g/L
- Typical one coat application
- Excellent adhesion
- Resistant to high Ph

### LIMITATIONS

- For interior applications only
- Apply only to properly prepared, sound and stable concrete at least 5 days old.
- DUR-A-GLAZE MVP PRIMER is to be applied at substrate temperatures between 60° F and 90° F.
- Do not apply when RH of concrete is greater than 99% (at 40% depth of slab) or moisture vapor transmission levels are greater than 20 lbs/1000 sq. ft./24 hours
- Recoat window of within 24 hours must be adhered to.
- Do not use as a stand-alone system
- Available clear only
- Does not prevent floor failures due to osmotic blistering. See note on this page under WARRANTY.
- Where Dur-A-Glaze MVP is used with vinyl tile, sheet vinyl, carpet, or any other resilient floor covering, the 10 year warranty is only valid if Dur-A-Glaze MVP is used with Dur-A-Flex-approved cementitious underlayment primers and/or adhesives.

### TYPICAL USES

- Moisture mitigation system under any epoxy-based Dur-A-Flex flooring system
- Primer over Dur-A-Text LM
- Use with Dur-A-Flex-approved resilient flooring underlayment primers and/or adhesives

### PACKAGING

DUR-A-GLAZE MVP PRIMER is available in 1-gallon cans, 5-gallon pails and 50-gallon drums.

### SURFACE PREPARATION

This product requires preparation in order to perform as expected. Surface must be profiled, clean, dry, oil free and sound. Please refer to the Surface Preparation Guide on our website for more information.

Perform anhydrous calcium chloride tests per ASTM F1869 for to determine moisture vapor emission rates and/or in situ probe method testing per ASTM F2170 to determine relative humidity levels.

NOTE: If replacing VCT, note that salt concentration is typically higher where tiles meet. Dur-A-Flex highly recommends core analysis along joint lines prior to installation of any resinous floor system.

### APPLICATION METHOD/ SPREAD RATES

Pour 2 parts resin into 1 part hardener and mix for 2 minutes using a jiffler-type mixer at 300 – 450 rpm.

DUR-A-GLAZE MVP PRIMER is applied with a 3/16 inch V-notched squeegee and back-rolled with a 3/8 inch nap roller cover. Apply at a rate of 100 sq.ft./gallon to yield a dry film thickness of 16 mils.

NOTE: Out-gassing may occur in very porous concrete. To address this, apply a second coat of DUR-A-GLAZE MVP PRIMER mixed with an equal amount of Cab-O-Sil. Apply using a flat squeegee at 250 – 350 square feet per mixed gallon.

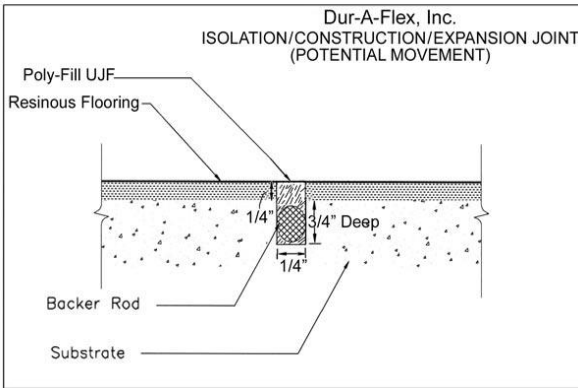
### WARRANTY

A 10 year warranty is available for approved applications with the submission of a warranty application form. The form can be found in the Contractor Center on our website.

NOTE: DUR-A-GLAZE MVP PRIMER is a moisture mitigation system designed to reduce moisture vapor emission only. It will not prevent floor failures caused by osmotic blistering unless ionic components (salts) in the substrate are at acceptable levels. An analysis of the substrate may be obtained using the Dur-A-Flex Floor Evaluation/Moisture Guidelines.

**JOINT GUIDELINES**

**Construction, Expansion and Isolation** joints are considered moving joints which allow horizontal and vertical movement between the slab and adjoining structures, such as walls and columns, helping to minimize cracking where the two meet.

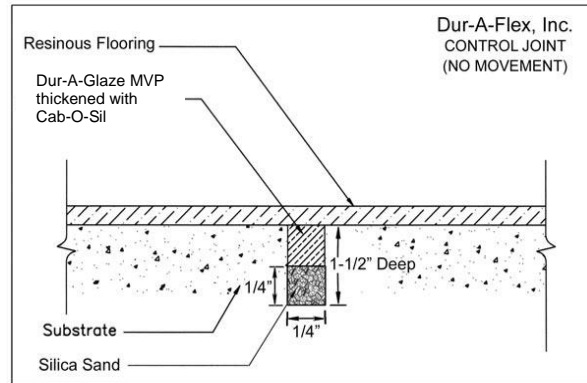


Prior to filling moving joints Dur-A-Flex, Inc. recommends “honoring” these joints by making a saw cut through the finished floor system at a depth of 3/4” deep and 1/4” wide with a diamond blade saw attached to a vacuum. A bond breaker such as backer rod (closed cell) must be added to the bottom of the joint.

**Be sure to mark the location of the joints prior to the installation of the finished floor.**

**Control and or Contraction** joints are considered non-moving joints which accommodate shrinkage and relieve internal stresses during the curing process of the concrete.

Fill joints as follows: Mix 1 part Dur-A-Glaze MVP hardener with 2 parts Dur-A-Glaze MVP resin and thicken with 3 parts Cab-0-Sil.



*Before using any Dur-A-Flex, Inc. product, be sure the Safety Data Sheet is read and understood.*

**DUR-A-GLAZE MVP PRIMER**

**TECHNICAL INFORMATION**

|  |   |
|--|---|
| Resin type                                 | Epoxy   |
| Color                                      | Clear   |
| % Solids                                   | 100%  |
| Mix Ratio (by volume)                      | 2 resin to 1 hardener                             |
| Viscosity at 70°F (mixed hardener & resin) | 1,400 cps   |
| Pot Life at 70°F                           | 45 minutes  |
| Recoat range at 70°F                       | 12 – 24 hours                                     |
| Foot traffic                               | 24 hours  |
| Cured Film Thickness                       | 16 mils at 100 sq. ft. per gallon                 |
| Shelf life                                 | 1 year when stored in original packaging at 73° F |
| VOC  | 0 g/L   |

| Physical Property         | Test Method | Result                   |
|---------------------------|-------------|--------------------------|
| Hardness, Shore D         | ASTM D-2240 | 75-80                    |
| Compressive Strength      | ASTM D-695  | 11,200 psi               |
| Flame Spread /NFPA-101    | ASTM E-84   | Class A                  |
| Tensile Strength          | ASTM D-638  | 2,100 psi                |
| Flexural Strength         | ASTM D-790  | 5,100 psi                |
| Permeance                 | ASTM E-96   | <1.0 Perms (impermeable) |
| Bond Strength to Concrete | ACI-40      | Substrate Failure        |
| Water Absorption          | MIL D-24613 | Nil                      |