Dynamic Coatings Inc. | (877) 225-2549 | www.dciflooring.com



# **PRODUCT DATA SHEET**

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# **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.

### TYPICAL USES

- Moisture mitigation system under any epoxy-based Dur-A-Flex flooring system
- Primer over Dur-A-Tex 32
- Use with Dur-A-Flex-approved resilient flooring underlayment primers

# 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

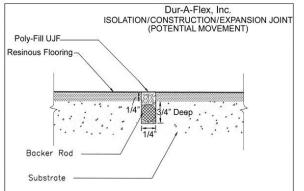
A 10 year warranty is available for approved applications with the submission of a warranty application form. The form can be found in the Contractor Center on our website.

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.

"Warranties: Seller warrants that its goods, as described on the face hereof, are free from any defects in material or workmanship. SELLER MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, AND ALL IMPLIED WARRANTES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. SELLER SHALL NOT BE LIABLE FOR PROSPECTIVE PROFITS OR SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES. Seller's sole liability and buyer's exclusive remedy for breach of any warranty as expressly limited, at seller's option, to replacement at the original F.O.B. point or refund of purchase price, but in no event will Seller's liability exceed the total purchase price of the defective product. Seller shall not be responsible for any claim resulting from failure to utilize product in the manner in which it was intended and in accordance with instruction provided for use of product. Any claim for breach of warranty shall be deemed waived unless buyer shall give seller written notice of such claim within sixty (60) days after delivery and shall allow seller reasonable opportunity to investigate claim and inspect product."

# JOINT GUIDELINES

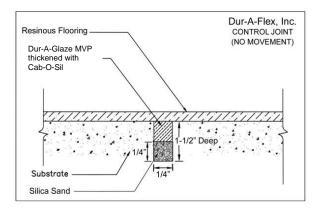
**Construction, Expansion and Isolation** joints are considered moving joints which allow horizontal and vertical movement between the slab and adjoining structures, such as walls and columns, helping to minimize cracking where the two meet.

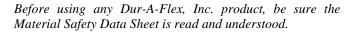


Prior to filling moving joints Dur-A-Flex, Inc. recommends "honoring" these joints by making a saw cut through the finished floor system at a depth of <sup>3</sup>/<sub>4</sub>" deep and <sup>1</sup>/<sub>4</sub>" wide with a diamond blade saw attached to a vacuum. A bond breaker such as backer rod (closed 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 nonmoving 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.





DUR-A-GLAZE MVP PRIMER TECHNICAL INFORMATION			
Resin type	Epoxy		
Color	Clear	Clear	
% Solids	100%	100%	
Mix Ratio (by volume)	2 resin to 1 hardener	2 resin to 1 hardener	
Viscosity at 70°F (mixed hardener & resin)	1,400 cps	1,400 cps	
Pot Life at 70°F	45 minutes	45 minutes	
Recoat range at 70°F	12 – 24 hours		
Foot traffic	24 hours	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	<b>Test Method</b>	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	