

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 20lbs/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 primers, adhesives and underlayment approved by their manufacturers as compatible with MVP.

TYPICAL USES

- Moisture mitigation system under any epoxy-based Dur-A-Flex flooring system
- Use with resilient flooring primers, adhesives or underlayments approved by their manufacturers as compatible with MVP

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 at intersection of joint lines prior to installation of any resinous floor system.

APPLICATION METHOD/SPREAD RATE

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. Contact your Dur-A-Flex Sales or Technical Representative.

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 Guidelines.

JOINT GUIDELINES

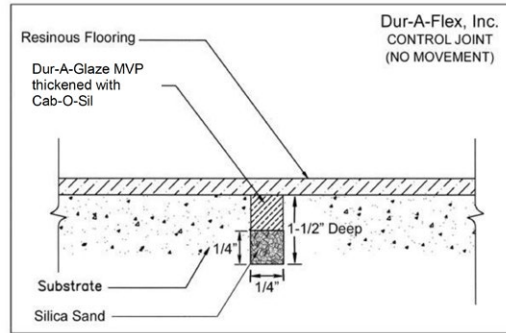
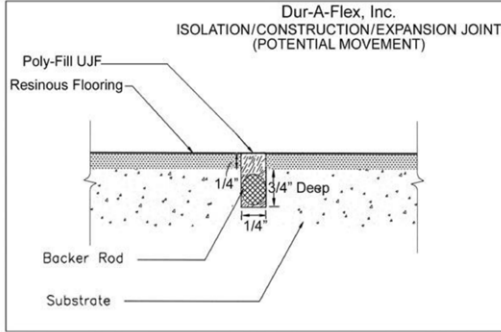
Construction, Expansion and Isolation joints are considered moving joints which allow horizontal and vertical movement between the slab and adjoining structures, such as walls and columns, helping to minimize cracking where the two meet.

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.

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-O-Sil.

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



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 (73°F/50% RH)	ASTM E-96	0.13 PERMS (grains h ⁻¹ ft ⁻² in Hg ⁻¹)
Bond Strength to Concrete	ACI-40	Substrate Failure
Water Absorption	MIL D-24613	Nil

IMPORTANT!

Before using DUR-A-FLEX products, read and understand its accompanying Safety Data Sheet & Application Instructions for important safety information.

STANDARD TERMS AND CONDITIONS OF SALE, INCLUDING STANDARD WARRANTY APPLY - VISIT DUR-A-FLEX.COM FOR THE LATEST VERSION