



## DUR-A-GLAZE #4 TIE-COAT II HARDENER

### DESCRIPTION

DUR-A-GLAZE #4 TIE-COAT II HARDENER is part of a clear, two-component epoxy system designed to enhance the adhesion of a new coating to surfaces that are typically hard to bond together such as aged epoxies, quarry tiles, ceramic tiles, steel, dense concrete and aged urethanes. Used with DUR-A-GLAZE #4 RESIN, it is designed to adhere tightly to an existing surface or to provide a good bonding surface for a new coating. Retains excellent adhesive properties and will not become brittle due to aging or cold temperatures.

### BENEFITS

- Excellent Adhesion Properties
- Low VOC's
- Low odor
- Easy to use 1:1 Mix Ratio
- Long Pot Life

### LIMITATIONS

This product is best suited for application in temperatures between 60°F and 90°F. Substrate must be clean, sound, and dry. **Maximum re-coat time is within 36 hours.** DUR-A-GLAZE #4 TIE-COAT II should not be used as a bonding coat over ARMOR TOP.

### TYPICAL USES

Primer for surfaces that is typically hard to bond to such as:

- Aged Epoxies
- Quarry and Ceramic Tile
- Aged Urethanes
- Steel
- Dense Concrete

Also excellent for refreshing an existing epoxy quartz or chip floor without the need for re-broadcasting.

### COLORS

DUR-A-GLAZE #4 TIE-COAT II HARDENER is available clear only.

### PACKAGING

DUR-A-GLAZE #4 TIE-COAT II HARDENER 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. Substrate must be roughened, clean, sound and dry. Please refer to the master Surface Preparation Guide on our website for more information.

### APPLICATION METHOD/SPREAD RATE

DUR-A-GLAZE #4 TIE-COAT II is applied with a roller at approximately 500-700 Sq Ft per gallon, depending on substrate type and condition. **Mix ratio is 1 part DUR-A-GLAZE #4 TIE-COAT II HARDENER to 1 part DUR-A-GLAZE #4 RESIN.** Use a high quality, 3/8" nap roller cover. Soak roller in a suitable paint tray or a large pail and apply using the dip and roll method. Product can also be applied with a flat squeegee then back rolled. A small roller can be used for edges.

This product is designed to be applied thin. Do not use this product to "fill" or "level" any surface imperfections. Any build up in excess of 4 mils wet film thickness will not cure properly.

### JOINT GUIDELINES

Refer to the Joint Guidelines for complete details on our website.

### MOISTURE CONCERNS

Please refer to the Floor Evaluation Flow Chart in the Contractor's Center of our website for a step-by-step process to determine the condition of the concrete.

### CAUTION

**Follow the Hazardous Materials Identification System labeling guide for proper personal protective equipment to use when handling this product. Use only as directed. KEEP OUT OF REACH OF CHILDREN.**

## DUR-A-GLAZE #4 TIE-COAT II

Physical Property	Test Method	Result
VOC = Mixed Hardener and Resin		≤10 g/L
Solids by volume		97 +/- 2
Adhesion	ASTM D-4541	630 psi substrate failure

### TECHNICAL INFORMATION

Pot Life	Pot Life at 60°F: 30 minutes	Pot Life at 70°F: 30 minutes	Pot Life at 90°F: 20 minutes
Re-Coat Times (Minimum 18 hour cure before coating with a urethane)	Re-Coat Time at 60°F 18 hours – 36 hours	Re-Coat Time at 70°F - 80°F 9 hours– 36 hours	Re-Coat Time at 90°F 4 hours– 36 hours
Spread Rate Avg: Concrete, Tile, Steel, Aged Epoxy/Urethane	450-550 sq. ft./gal per coat		
Mix Ratio:	<b>1 part DUR-A-GLAZE #4 TIE COAT II HARDENER to 1 part DUR-A-GLAZE #4 RESIN</b>		
Color (cured):	Transparent, Clear		
Shelf Life	1 year unopened container		

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