

## **DUR-A-GLAZE NOVOLAC**

**IMPORTANT!** Read these instructions carefully several days prior to starting your work. Seek answers to any questions you may have before you begin. DUR-A-FLEX, Inc. maintains a Technical Staff that will be glad to answer your questions and give you advice pertaining to your particular installation. Large areas will require two or more mixers.

DUR-A-GLAZE NOVOLAC epoxy is a clear or pigmented two component, performance grout coat/final topcoat for broadcast systems (quartz and vinyl chip). It is designed to provide protection against chemicals, acids, and high temperatures.

**NOTE:** DO NOT apply at an ambient or surface temperature below 60°F or above 90°F and substrate should be 5° above dew point.

### **STORAGE CONDITIONS**

Store all components in a cool, dry area with plenty of ventilation. Do not allow product to freeze.

### **SURFACE PREPARATION / JOINT GUIDELINES**

Use a shot blaster or surface grinder to achieve a CSP of at least 3. Vacuum all dust and debris, and ensure the surface is clean, dry, and free of all contaminants before you begin applying the system. Always honor moving joints and fill static joints as part of the preparation step. Refer to the master Surface Preparation and Joint Guidelines Guide on our website for more information.

### **MIXING AREA**

Select a convenient mix area as close as possible to the application area and protect the surface from spills by covering with a layer of cardboard and/or a sheet of plastic. Be generous with the amount of space allocated for this function. Do not mix this product in direct sunlight or when ambient temperatures exceed 90°F. Exposure to high temperatures will greatly reduce the working time of this product. **DO NOT MIX UNTIL READY FOR IMMEDIATE USE.**

### **APPLICATION**

DUR-A-GLAZE NOVOLAC is a performance grout coat/final topcoat to be applied over quartz or vinyl chip broadcast systems such as Dur-A-Quartz, Dur-A-Chip, Shop Floor, Poly-Crete MDB / MDQ / MDC, Poly-Crete SLB, and Hybri-Flex EB / EC / EQ systems.

### **DO NOT PIGMENT THIS PRODUCT WITH DUR-A-GARD**

- Pigmented product must be formulated at DUR-A-FLEX – Pinholes and/or Fisheyes will occur with improperly pigmented product.

**DO NOT USE AS A SMOOTH COATING - Fisheyes and/or bubbling will occur.** Use DUR-A-GARD NOVOLAC for smooth coatings.

Note: DUR-A-GLAZE NOVOLAC may experience ambering under UV light.

DUR-A-GLAZE NOVOLAC is meant to be a grout coat/final topcoat and should not be coated with any other topcoat.

**IMPORTANT:** Due to the nature of lighter pigment options for Dur-A-Glaze and Dur-A-Gard Novolac in White, Ivory, Light Grey, and special color matches of lighter pigments, they must be installed over a pigmented primer, matching or lighter color broadcast, and/or pigmented grout coat to avoid shadows, blotching, and an uneven appearance in coverage of the pigmented topcoat(s).

Dur-A-Flex recommends that a Design Center sample and ~100 sq ft test patch or mock-up be completed prior to installation to ensure that the color and texture of the finished system is desirable.

Work with your local Dur-A-Flex Technical Sales Representative or contact Dur-A-Flex directly for more information prior to ordering or applying light color pigmented Novolac systems to ensure the proper products are in hand before installation.

**LABOR REQUIREMENTS** - Assign one person to each job – do not multi-task:

- 1 person mixing
- 1 person running mixed pails
- 1 person squeegee
- 1 person cross-rolling

**NOTE:** Additional manpower will be required for large or complex installations. Above requirements applies to maximum 40 foot wet edge.

**NOTE:** For each application of material and before mixing, mark your batches to ensure you achieve your spread rate targets. This is best accomplished by dividing your target spread rate by the width of the area being coated (or your planned wet edge). Example: If your spread rate is 120 square feet and your area is 20 feet wide you would make a mark every 6 feet (120 divided by 20 = 6).

## **GROUT COAT / FINAL TOPCOAT**

### ***EQUIPMENT LIST***

- 12" Window Squeegee
- 3/8" Nap Roller
- Mixing Pail (Minimum 2 Gal Capacity)
- Slow speed 450 RPM Drill
- 3" Jiffler Blade
- Nitrile Gloves
- Safety Glasses

Both Resin and Hardener must be pre-mixed prior to combining. Pre-mix each kit pail using a 450 RPM drill with a 3 inch Jiffler blade for 30 seconds.

Pour one pre-weighed, pre-mixed kit container of NOVOLAC Hardener into a mixing pail, scraping the bottom and sides with a mix stick to ensure that all material is transferred. Use the edge of the kit pail to scrape the mix stick and never scrape mix stick on the side of the mix pail. Repeat this step with one pre-weighed, pre-mixed kit container of DUR-A-GLAZE NOVOLAC Resin, again being sure to scrape the mix stick and never scrape mix stick on the side of the mix pail.

Using a slow speed 450 RPM drill with a jiffler blade, mix Resin and Hardener together for 2 minutes, always keeping the blade below the surface to avoid air entrapment.

Pour a 6 inch ribbon of material across the floor starting at a point farthest away from the exit point. Using a 12 inch flat squeegee, spread the mixed material evenly at these typical spread rates:

~120 sq ft/kit over Vinyl Chip broadcasts at 16 mils
~113 sq ft/kit over Q28/Flintshot broadcasts at 18 mils
~50-70 sq ft/kit over Q11/QRok broadcasts at ~32 mils

Follow squeegee application by back rolling material north to south to level the material and final cross roll east to west overlapping the previous pass with half the roller width.

Allow the topcoat to cure for 8-10 hours depending on temperature/relative humidity. Once cured, it is safe to return to foot traffic and will feature full chemical and abrasion resistance in 5-7 days at 70°F.

### **IMPORTANT!**

*Before using DUR-A-FLEX products, read and understand its accompanying Safety Data Sheet.*

**STANDARD TERMS AND CONDITIONS OF SALE, INCLUDING STANDARD WARRANTY APPLY - VISIT [DUR-A-FLEX.COM](http://DUR-A-FLEX.COM) FOR THE LATEST VERSION**

**CAUTION!** As with all chemical products, individuals may have different reactions to exposure to specific products. This is dependent upon many factors, including the individual's personal characteristics, the size of the installation, the ventilation available, the intensity of the exposure or the length of the exposure. Individuals may experience discomfort during the installation process of one product, but not another.

In some cases this is experienced as a skin irritation and in others it is experienced as an inhalant irritation. Typically, it disappears once the exposure is eliminated. In some cases people can become "sensitized" to a product and experience the discomfort every time there is exposure without Personal Protective Equipment ("PPE").

To protect yourself from various exposures or discomfort during the mixing and application of our products, we recommend covering exposed skin including, using gloves, long sleeves, safety glasses and a respirator such as the 3M 8577 P95 Universal Disposable Carbon Respirator or a cartridge respirator.

Use only as directed. KEEP OUT OF REACH OF CHILDREN.

Do not reseal moisture-contaminated hardener. This will result in carbon dioxide generation or possible violent rupture of container.