

## **DUR-A-WALL VC**

**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.

**DUR-A-WALL VC is applied by brush, roller and broadcast method.** When recommended spread rates are followed, a double broadcast of either MICRO or MACRO decorative chip will produce a nominal 35-40 mil wall system.

### **SURFACE PREPARATION**

Surface must be clean, dry and free of all oil and grease. Please refer to the Surface Preparation Guide on our website for more information. No epoxy coatings should be applied unless surface temperature is a minimum of 5 degrees F above dew point. See Dew Point Calculation Chart on our website for detailed instructions.

### **MIXING AREA**

Select a convenient mix area and protect the surface from spillage by covering with a layer of cardboard and sheet of plastic. Be generous with the amount of space you allocate for this function. The more comfortably your mixer works, the less likely you are to have a "mix error". Make ready all necessary tools, mix and measure containers, etc. **DO NOT MIX ANY EPOXY UNTIL READY FOR IMMEDIATE USE.** Once hardener and resin are combined, it must be used immediately. Apply masking tape wherever coating is intended to stop.

### **DUR-A-WALL APPLICATION METHOD**

**NOTE** – For masonry surfaces such as brick, block, ceramic tile etc. (A pre-installation meeting is recommended to determine surface finish.) Substrate finish will affect final appearance of wall coating. Drywall must be finished to a level #4 - #5 finish. DUR-A-BOND® 90 joint compound is recommended for adhesion. DUR-A-GARD and DUR-A-GLAZE # 4 epoxies are applied with a 3/8" nap roller. Coverage will vary depending upon porosity and texture of substrate. Multiple applications of filler material may be necessary. Sand or grind between coats to achieve a smooth surface.

**NOTE: Tile grout lines may "mirror through" the finished system even though the surface is smooth.**

A. **Priming** – When applying over concrete or block walls, DUR-A-WALL HP BLOCK FILLER is recommended to fill any pores in the substrate. When applying over sheet rock,

use DUR-A-WALL HP GRIPPER PRIMER. This will prevent the base coat from soaking into the sheet rock.

- B. **Base Coat** -Add 1 part DUR-A-GARD NO-SAG hardener to 2 parts DUR-A-GARD resin by volume. Mix with a slow speed Jiffler type mixer for 2-3 minutes. Apply at a spread rate of 250 Sq Ft per gallon.
- C. **Broadcast Coat** – Using the Flakotech Hopper Gun that is connected to an air compressor set at 20 - 30 psi, apply the vinyl chip into wet base coat at approximately nine Sq Ft per pound and allow to cure.
- D. **Second Broadcast Coat** – Remove loose vinyl chips by thoroughly scraping the surface with a trowel or wall paper brush and apply a coat of DUR-A-GLAZE # 4 at 150 Sq Ft per gallon. Apply the vinyl chips at approximately nine square feet per pound using the Flakotech Hopper Gun that is connected to an air compressor set at 20-30 psi.
- E. **Seal Coat** – Remove loose vinyl chips by thoroughly scraping the surface with a trowel or wall paper brush and apply a coat of DUR-A-GLAZE # 4 at 150 Sq Ft per gallon. Allow to cure for 10-12 hours before sanding off bumps and imperfections.

### **TOPCOAT INSTRUCTIONS**

Two coats of a urethane topcoat are applied for the DUR-A-WALL VC system. The urethane topcoats provide a high degree of abrasion resistance and are available in high gloss and satin finishes. Refer to the Chemical Resistance Chart for performance characteristics to help determine which topcoat to use to meet the requirements of your particular application.

**IMPORTANT: Be sure to pour the hardener into the mixing bucket first, when working with the epoxy and vice versa when working with the urethane. Always scrape the sides and bottom of mixing container to assure thorough blending. Do not allow any water on coated surface for 24-48 hours.**

**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** 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.