

## CRYL-A-WALL VC

### GENERAL

CRYL-A-WALL VC is 100% reactive, fast curing, high strength, methyl methacrylate (MMA) based, acrylic wall coating system. It is designed to provide a terrazzo appearance with the benefits of a seamless surface on block or concrete walls. The system is composed of primer, a double broadcast of decorative chips and a topcoat. Surface finish can be smooth or textured. This system cannot be thinned with solvents.

### COLORS

CRYL-A-WALL VC is available in MACRO or MICRO decorative color chip blends. Color options include solid colors or custom blends. Please refer to the MACRO or MICRO Chip Color Selector Chart.

### TYPICAL USES

- Laboratories
- Pharmaceuticals
- Rest Rooms
- Locker Rooms
- Animal Handling
- Bottling Plants
- Clean Rooms
- Foot Processing
- Kitchens

### SURFACE PREPARATION

The substrate must be dry and free of oil, grease, dirt, bituminous and other contaminants. Unsound concrete and laitance should be removed by appropriate mechanical means. Refer to DUR-A-FLEX Surface Preparation Guide on our website for detailed instructions.

### APPLICATION METHOD

CRYL-A-PRIME P-101 is applied by brush or roller at 100-125 Sq Ft per gallon (2-3 m<sup>2</sup>/liter). Substrates that are very porous may require an additional primer application. The primer application(s) may be composed of 1 part CRYL-A-PRIME P-101 and 1 part CRYL-A-COVE.

A parge coat of CRYL-A-COVE may be required to fill block joints and/or fill the surface of the block.

The body coat is composed of a double broadcast of CRYL-A-GLAZE G-201 resin and DUR-A-FLEX decorative color

chip. The first coat of CRYL-A-GLAZE G-201, mixed 1:1 with CRYL-A-COVE is roller applied at 100-125 Sq Ft per gallon (2-3 m<sup>2</sup>/liter). It is recommended that this coat be pigmented with Cryl-A-Color to match the prominent chip color. The mix ratio is 10 – 12 ounces per gallon.

DUR-A-FLEX decorative color chips are broadcast at a rate of 0.1-0.15 lbs/sq ft (0.07-0.7 kg/m<sup>2</sup>) into the wet material. Use a Hopper Gun that is connected to an air compressor set @ 20-30 psi for this function. After material has cured, brush off the excess/loose chips.

Apply a second coat of CRYL-A-GLAZE G-201 at 100-125 Sq Ft per gallon (2-3 m<sup>2</sup>/liter) and broadcast the color chips at the same rate. Let the system cure and brush off the excess/loose chips.

A topcoat of CRYL-A-TOP T-301 is applied at 100-125 Sq Ft per gallon (2-3 m<sup>2</sup>/liter). Sand the surface after it is fully cured. A second topcoat of CRYL-A-TOP T-301 is applied at 100-125 Sq Ft per gallon (2-3 m<sup>2</sup>/liter). For some applications a third topcoat at 100-125 Sq Ft per gallon (2-3 m<sup>2</sup>/liter) may be required.

The appropriate amount of CRYL-A-CURE is determined by using the CRYL-A-FLEX Mixing Chart and is a function of the material and substrate temperature. CRYL-A-CURE is added to the resin and thoroughly dispersed. Due to the material's relatively short pot life, only make enough material to be applied in five minutes.

### CURE

CRYL-A-WALL VC components will cure typically in 45-60 minutes. The system is fully functional one hour after completed application. **IMPORTANT**, do not apply the material too thin. It may not cure properly.

### PACKAGING

CRYL-A-WALL VC resins are available in 5-gallon (19 liter) pails and 50-gallon (190 liter) drums. CRYL-A-CURE is available in 1-gallon and 55-pound (25 kg) boxes. DUR-A-FLEX decorative chip is available 10 LB (0.45 kg) or 55 LB (25 KG) boxes.

## **TECHNICAL INFORMATION**

CRYL-A-WALL VC is part of a family of special repair and wearing materials supplied by DUR-A-FLEX. If you require further information on this or any other of our products please contact our Technical Department.

## **CHEMICAL RESISTANCE**

This product is resistant to many common chemicals. Please refer to the master Chemical Resistance Chart on our website for actual resistance to specific chemicals/reagents.

## **CLEANING**

This product is part of a low maintenance solution; however, certain textures and service environments do require certain procedures. Always apply the material at the recommended spread rate. Please refer to the master Cleaning Guide on our website.

## **STORAGE CONDITIONS**

Store in a cool and dry place, below 85 F (30 C), out of direct sunlight. Do not store near open flame or food. The shelf life is 6 months from ship date in unopened containers.

## **CAUTION**

**CRYL-A-WALL VC resins are flammable liquids in their uncured state. Smoking, open flames or sparks should not be permitted during the handling of the product. Workers should wear protective clothing consisting of splash-proof goggles, impermeable gloves and, where exposure limits are exceeded, an organic vapor respirator should be used. Air powered or explosion proof mixing equipment is required. Adequate cross ventilation should be provided, and if necessary, explosion-proof fans may be required. All foodstuffs must be removed during application of the system.**

**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, and 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.**

**If substrate and/or material temperature is above 90 F (32 C), Do Not apply the material.**

**Detailed application instructions should be obtained, read and understood prior to commencement of application.**

### **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**

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