DUR-A-FLEX
INNOVATION FROM THE FLOOR UP

PRODUCT DATA SHEET

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CRYL-A-WALL VC

DESCRIPTION

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. It is composed of primer, double broadcast of decorative chips and topcoats. Surface finish can be smooth or textured. This system cannot be thinned with solvents.

BENEFITS

- VOC compliant, < 100 g/L
- Fast cure, full strength in one hour
- NSF Registered
- Meets USDA/FDA and CFIA requirements
- Indoor and outdoor applications
- UV resistant
- Seamless, no cold joints, always bonds to itself
- Use over a wide temperature range, even below freezing
- Available with Bio-Pruf antibacterial and fungal additive

TYPICAL USES

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

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 and Micro Chip Color Selector Charts.

PACKAGING & STORAGE CONDITIONS

CRYL-A-WALL VC resins are available in 1-gallon cans, 5-gallon pails and 50-gallon drums. CRYL-A-CURE is available in 1-gallon cans, 5-gallon pails and 55 lb boxes. DUR-A-FLEX decorative chip is available 10 lb or 55 lb boxes.

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.

SURFACE PREPARATION

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

APPLICATION METHOD

This is a multi-coat roller and brush applied system. CRYL-A-PRIME P-101 is the first coat that is applied to prime and seal the substrate. Substrates that are very porous may require additional primer applications.

Body coat is composed of a double broadcast of CRYL-A-GLAZE G-201 resin and DUR-A-FLEX's decorative color chip. A parge coat may be required to fill block joints and/or fill the surface of the block.

Two to three topcoats of CRYL-A-TOP T-301 are applied depending on the desired finish.

The appropriate amount of CRYL-A-CURE is determined by the use of 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.

CHEMICAL RESISTANCE

This product is resistant to many common chemicals. Please refer to the master "Chemical Resistance Chart" 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.

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.

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.

PHYSICAL CHARACTERISTICS

Percent Reactive	100%
VOC	<100 g/L
Pot life @ 68F	10-20 minutes
Cure Rate @ 68 F	30-60 minutes
Recoat Time	60 minutes
Tensile Strength	2,175 PSI (15 N/mm^2)
Compressive Strength (Filled System)	6,000-8,000 PSI (41-56 N/mm^2)

CAUTION

Adequate cross ventilation should be provided. Read, understand and follow Material Safety Data Sheets and Application Instructions of this flooring system prior to use. Follow the Hazardous Materials Identification System labeling guide for proper personal protective equipment to use when handling this product**.** Use only as directed. **If substrate and/or material temperature is above 90 F (32 C), Do Not apply material. Detailed application instructions should be obtained, read and understood prior to commencement of application.**

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