

DUR-A-WALL VC

DESCRIPTION

DUR-A-WALL VC decorative epoxy wall system is a two-component, low odor, 100% thermosetting formulation of DUR-A-GARD (pigmented) epoxy, DUR-A-GLAZE # 4 (clear) epoxy and Dur-A-Flex decorative chip that is designed especially for wall applications. DUR-A-WALL VC is ideally suited for application on concrete, wood, drywall or block. This system is seamless, extremely durable, sanitary and easy to clean. Two coats of a high gloss or satin finish urethane topcoat provides stain resistance and is virtually unaffected by oil, grease, strong detergents and salt. The urethane topcoats have a non-ambering, abrasion resistant formula that locks out chemicals and stains and prevents them from penetrating into the wall surface.

BENEFITS

- Stain Resistant
- Easy to Clean
- Durable
- Sanitary
- Easy Maintenance
- Seamless

LIMITATIONS

This product is best suited for application in temperatures between 55°F and 95°F. Substrate must be clean, sound, and dry.

TYPICAL USES

- Laboratories
- Clean Rooms
- Pharmaceutical Plants
- Food Processing Plants
- Commercial Kitchens
- Locker Room Areas
- Hospitals
- Laundries
- Kennels
- Bottling Plants
- Garages
- Schools

COLORS

DUR-A-WALL VC is available in MICRO and MACRO Chip Color Blends. Color options include solid colors or custom blends. Refer to the MICRO and MACRO Chip Color Selector Chart.

PACKAGING

DUR-A-WALL VC decorative epoxy wall system is available in 1-gallon cans, 5-gallon pails, and 50-gallon drums. The decorative chips are available in 10 lb or 55 lb boxes. Shelf life is one year in the original unopened container.

SURFACE PREPARATION

This product requires preparation in order to perform as expected. Substrate must be clean, sound, and dry. Please refer to the master Surface Preparation Guide on our website for more information.

APPLICATION METHOD/SPREAD RATES

DUR-A-WALL VC is applied with a 3/8" nap roller at approximately 200 Sq Ft per gallon per coat. The decorative chip is applied with the DUR-A-WALL hopper gun at 8-9 Sq Ft per pound.

GUIDE SPECIFICATIONS

This product is part of the DUR-A-FLEX family of polymer systems. Please contact DUR-A-FLEX for complete three part guide specs.

CHEMICAL RESISTANCE

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

CLEANING

This product is considered to be a low maintenance wall system. Please refer to the master Cleaning Guidelines on our website.

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TECHNICAL INFORMATION

Toxicity	Non-Toxic, USDA Approved	
Physical Property	Test Method	Result
Hardness, Shore D	ASTM D-2240	70-80
Water Absorption	ASTM D- 570	0.04%
Flammability	ASTM D-635	Self-Extinguishing
Flame Spread / NFPA-101	ASTM E-84	Class A
Tensile Strength	ASTM D- 638	3000 psi
Flexural Strength	ASTM D -790	4000 psi
Impact Resistance	ASTM E 695-03 (Soft Body Impact)	75 ft. lbs 0.025" set
Impact Resistance	USG Pipe Cap Test (Hard Body Impact)	15 ft. lbs
Impact Resistance	ASTM 2794 @ 25 in. lb. (Indentation, Mils)	45
Bond Strength to Substrates	ASTM D 4541	Substrate failure
Thermal Shock, 50 cycles of immersion in Chilled and Boiling water	MIL F-52505	No chalking or loss of adhesion
Abrasion Resistance, CS-17 Wheel, Wgt. Loss 1000 gm Load, 1000 cycles	ASTM D-4060	15 mg. loss
VOC Content		0 g/l

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

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