

## DUR-A-CHIP

### DESCRIPTION

DUR-A-CHIP SEAMLESS FLOORING is a decorative, “poured in place” flooring system consisting of liquid polymers and color-fast decorative chips. DUR-A-CHIP is designed to provide a terrazzo-like appearance. In addition to its seamless cleanability, it requires no waxing.

### BENEFITS

- Easy Installation
- Low Odor
- Meets USDA, FDA, OSHA standards
- Easy To Use
- Good Abrasion Resistance
- Easy Maintenance

### LIMITATIONS

This product is best suited for application in temperatures between 60°F and 90°F. Substrate must be clean, sound, and dry.

### TYPICAL USES

- Laboratories
- Hospitals
- Rest Rooms
- Lobbies
- Concourse
- Dining Areas
- Pharmaceuticals
- Clean Rooms
- Halls / Corridors
- Retail
- Schools
- Supermarkets

### COLORS

DUR-A-CHIP is available in MACRO or MICRO decorative chips. The MACRO and MICRO chips are available in standard blends, custom colors. Please refer to the MACRO, MICRO, and Earthstone Chip Color Chart.

### PACKAGING

DUR-A-GARD OPF is available in 1-gallon and 5-gallon pails. DUR-A-GLAZE #4 is available in 1-gallon, 5-gallon pails and drums. ARMOR TOP is available as kits. DUR-A-CHIP is available in 10 lb or in 40 lb boxes.

### SURFACE PREPARATION

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

### APPLICATION METHOD

DUR-A-CHIP incorporates DUR-A-GARD OPF for the base coat and is grout coated with DUR-A-GLAZE #4 and top coated with ARMOR TOP.

### 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.

### DRAWINGS AND DETAILS

Standard CAD drawings and details are available for coves, drains, breaches, transitions, etc. Please contact DUR-A-FLEX for actual drawings.

### JOINT GUIDELINES

Refer to the Joint Guidelines for complete details on our website.

### MOISTURE CONCERNS

Please refer to the Floor Evaluation Guidelines at [www.dur-a-flex.com](http://www.dur-a-flex.com) for complete details.

### 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 flooring solution; however, certain textures and service environments require specific procedures. Please refer to the master Cleaning Guide on our website.

## DUR-A-CHIP

### TECHNICAL INFORMATION

Salt Spray Resistance, 25% solution at 90°F	No effect after 100 hours	
Toxicity	Non-toxic, meets USDA requirements	
Physical Property	Test Method	Result
Hardness, Shore D	ASTM D-2240	75-80
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	3,700 psi
Flexural Strength	ASTM D-790	4,700 psi
Compressive Strength	ASTM D-695 ASTM C-579	16,000 psi 10,500 psi
Izod Impact (ft. Lb./in. notch)	ASTM D-256	0.50
Bond Strength to Concrete	ASTM D-4541	400 psi substrate fails
Elevated Temperature	MIL D-3134	No slip or flow
Thermal Shock, 50 cycles of immersion in chilled & boiling water	MIL F-52505	No cracking or loss of adhesion
UV Resistance	MIL F-52505	No chalking or loss of adhesion
Abrasion Resistance, CS-17 Wheel, Wgt. Loss, 100gm. Load, 1000 cycles	ASTM D-4060	4 mg loss with (Armor Top Gloss with grit)
Static Coefficient of Friction*	ANSI B101.1	>0.6
Dynamic Coefficient of Friction - Wet*	ANSI A326.3	>0.42
VOC Content		0 g/L

\*Dur-A-Flex flooring systems can be built to meet or exceed the requirements of Static or Dynamic Coefficient of Friction testing per installation. Contact your Dur-A-Flex territory sales manager or tech representative for more information on alternative textures, grit/grip additives, or smooth coatings for your specific environment. A sample should always be obtained and tested prior to purchase for any non-slip flooring system.

#### IMPORTANT!

*Before using DUR-A-FLEX products, read and understand its accompanying Safety Data Sheet & Application Instructions for important safety information.*

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