

## **ULTRA-CLEAR**

### **DESCRIPTION**

ULTRA-CLEAR is a clear, two component 100% solids, thermosetting epoxy designed specifically for the DUR-A-QUARTZ, and DUR-A-CHIP decorative flooring systems. ULTRA-CLEAR is the purest formulation of its kind in the DUR-A-FLEX line of epoxy products. ULTRA-CLEAR protects against UV rays and helps prevent the floor from ambering. ULTRA-CLEAR reinforces the visual depth and texture of the quartz and chip blends.

### **BENEFITS**

- Excellent UV Resistance
- Low Odor
- No VOC
- Excellent Clarity
- Better Air Release over broadcast system

### **COLORS**

ULTRA-CLEAR is only available as a transparent formula.

### **TYPICAL USES**

ULTRA-CLEAR is typically used as a grout coat for DUR-A-CHIP and DUR-A-QUARTZ seamless flooring systems.

### **PACKAGING**

ULTRA-CLEAR is available in 1-gallon cans, 5-gallon pails, and 50-gallon drums.

### **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.

### **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/SPREAD RATES**

ULTRA-CLEAR is applied with a brush, roller, squeegee and trowel. Spread rate will vary with desired thickness. ULTRA-CLEAR is a versatile component used in DUR-A-QUARTZ and DUR-A-CHIP epoxy systems. See application instruction sheet for complete instructions.

### **LIMITATIONS**

This product is best suited for application in temperatures between 55°F and 95°F. If added UV stability and abrasion resistance is desired, apply a single coat of POLY-THANE 2 HIGH SOLIDS after the ULTRA-CLEAR has cured. Substrate must be clean, sound, and dry.

### **CLEANING**

This product is considered to be a low maintenance flooring solutions, however, certain textures and service environments require specific procedures. Please refer to the master Cleaning Guide on our website.

### **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.

## ULTRA-CLEAR

### TECHNICAL INFORMATION

Color	Clear
Mix Ratio (by volume)	1 part hardener to 2 parts resin
Viscosity at 70°F (mixed hardener & resin)	700 cps
Pot Life at 70°F	45 minutes
Cure Time, Touch Dry at 70°F	8 Hours
Cured Film Thickness	16 mils at 100 sq.ft./gallon spread rate
Salt Spray Resistance, 25% solution at 90°F	No effect after 100 hours
Toxicity	Non-toxic, USDA approved

<b>Physical Property</b>	<b>Test Method</b>	<b>Result</b>
Hardness, Shore D	ASTM D-2240	80-85
Compressive Strength	ASTM D-695	11,200 psi
Tensile Strength	ASTM D-638	2,100 psi
Impact Resistance	MIL D-24613	0.0007", no cracking or delamination
Flexural Strength	ASTM D-790	5,100 psi
Bond Strength to Concrete	ACI-40	Substrate failure
Abrasion Resistance, CS17 Wheel, 1000g load, 1000 cycles.	ASTM D-4060	35 mg loss
Water Absorption	MIL D-24613	Nil
Coefficient of friction	ASTM D-2047	Smooth coating only = 0.7 Over broadcast will vary depending on the slip resistance profile
VOC Content		0 g/l

#### DRAWINGS AND DETAILS

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

#### MOISTURE CONCERNS

Please refer to the Floor Evaluation Flow Chart in the Contractor's Center of our website for a step-by-step process to determine the condition of the concrete.

#### 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.**

#### JOINT GUIDELINES

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

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