

DUR-A-GLAZE #4

DESCRIPTION

DUR-A-GLAZE #4 is a clear, two component 100% solids, thermosetting epoxy designed specifically for applications such as DUR-A-QUARTZ, SHOP FLOOR, DUR-A-CRETE, and DUR-A-CHIP. It cures solid yet does not become "brittle" thus retaining a sufficient amount of resilience to withstand impact and vibration.

BENEFITS

- Excellent Clarity
- Low Odor
- Special Purpose Formulations
- Versatile Usage

TYPICAL USES

The multi-purpose versatility of DUR-A-GLAZE #4 simplifies installation of DUR-A-FLEX seamless epoxy floor systems because of its ability to be used as a primer, basecoat, aggregate binder and topcoat. It is also excellent for use as a clear, high-build, stand-alone coating or as an extremely strong binder for forming a patching mixture.

COLORS

DUR-A-GLAZE #4 is clear but it can be tinted by adding 20% DUR-A-GARD resin. This is referred to as "Shop Floor Resin" and is available in 15 standard colors. Please refer to the Standard Color on our website. Custom colors are available upon request.

LIMITATIONS

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

CHEMICAL RESISTANCE

This product is resistant to many common chemicals. For actual resistance to specific chemicals please refer to the master Chemical Resistance Chart on our website.

GUIDE SPECIFICATIONS

This product is part of the DUR-A-FLEX family of polymer systems. Please refer to the master Specifier's Guide 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

APPLICATION METHOD/SPREAD RATES

DUR-A-GLAZE #4 is applied with a brush, roller, squeegee and trowel. Spread rate will vary with desired thickness. DUR-A-GLAZE #4 is a versatile component used in DUR-A-QUARTZ, SHOP FLOOR, DUR-A-CRETE, and DUR-A-CHIP epoxy systems. See application instruction sheet for complete instructions. As a coating, DUR-A-GLAZE #4 is applied at 200 Sq Ft per gallon to yield a dry film thickness of 8 mils per coat.

SURFACE PREPARATION

This product requires preparation in order to perform as expected. Substrate must be profiled, clean, sound, and dry. Substrate must be primed with DUR-A-SHIELD II, DUR-A-GLAZE #4 WB PRIMER HARDENER, or DUR-A-GLAZE #4 TIECOAT II HARDENER. Please refer to Surface Preparation Guide on our website

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.

JOINT GUIDELINES

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

PACKAGING

DUR-A-GLAZE #4 is available in 1-gallon cans, 5-gallon pails, and 50-gallon drums.

DUR-A-GLAZE #4 SPECIAL PURPOSE HARDENER FORMULATIONS
(All use standard Dur-A-Glaze #4 Resin)

Product	Description	Mix Ratio	Pot Life	Re-coat Window	Spread Rate (SF/Gal)
Regular	For normal installations	1H : 2R	20 mins	8 – 36 hrs	100 - 200
Cold Cure	For temps below 50°F or more rapid cure at normal temps. Do not use as topcoat due to yellowing	1H : 2R	10 mins	8 – 36 hrs	100 - 200
Damp Primer	For use as a prime or base coat on surfaces that cannot be dried thoroughly	1H : 2R	10 mins	6 – 36 hrs	100 - 200
Fast	For faster turnaround time in room-temperature areas. Do not use as topcoat due to yellowing.	1H : 2R	10 mins	4 – 36 hrs	100 - 200
Water Clear	Ideal for top-coating quartz floors. Excellent color retention. May be used in warm temperatures when longer working time and pot life is required	1H : 2R	30 mins	14 – 36 hrs	100 – 200
WB Primer	For use when a water-based primer is desired	4H : 1R	60 mins	4 – 36 hrs	200
Tie Coat II	For use when bonding to aged epoxies and urethanes, tile, and steel	1H : 1R	30 mins	9 – 36 hrs	500 - 700

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 at Cleaning Guide.

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.

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TECHNICAL INFORMATION

Color	Clear, can be tinted with Dur-A-Gard Resin	
Mix Ratio (by volume)	REFER TO HARDENER LABEL	
Viscosity at 70°F (mixed hardener & resin)	700 cps	
Salt Spray Resistance, 25% solution at 90°F	No effect after 100 hours	
Toxicity	Non-toxic, USDA approved	
Physical Property	Test Method	Result
Hardness, Shore D	ASTM D-2240	80 - 85
Compressive Strength	ASTM D-695	11,200 psi
Flame Spread /NFPA-101	ASTM E-84	Class A
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	29 mg loss
Water Absorption	MIL D-24613	Nil
Coefficient of Friction	ASTM D-2047	0.7 minimum
VOC Content		0 g/l

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