

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. Although it cures into a very hard solid, it does not become "brittle" like glass but retains a sufficient amount of resilience to withstand impact and vibration. DUR-A-GLAZE #4 is the most advanced formulation of its kind. ASTM tests prove its superiority; professional flooring contractors acclaim its ease of use.

BENEFITS

- Excellent Clarity
- Fast Curing
- Low Odor
- No VOC's
- Superb Chemical Resistance
- Special Purpose Formulations
- Versatile Usage

COLORS

DUR-A-GLAZE #4 is typically clear but it can be tinted by adding 20% DUR-A-GARD resin. This is referred to as "Shop Floor Resin". DUR-A-GLAZE #4 is available in 15 standard colors. Please refer to the Standard Color Chart @ <http://www.dur-a-flex.com/Documents/Standard%20Color%20Chart.pdf>. Custom colors are available upon request.

TYPICAL USES

The versatility of DUR-A-GLAZE #4 simplifies installation of all DUR-A-FLEX seamless floors because it is used for the basecoats (Aggregate Binder) and as a topcoat. It also serves as an excellent high build, clear, stand alone coating or an extremely strong binder to form a patching mixture to be used underneath DUR-A-FLEX coating and flooring systems.

PACKAGING

DUR-A-GLAZE #4 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. Substrate must be primed with DUR-A-SHIELD, DUR-A-POXY HIGH GLOSS, or DUR-A-GLAZE TIE-COAT. Please refer to the master "Surface Preparation Guide" for more information.

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.

LIMITATIONS

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

SPECIAL PURPOSE FORMULATIONS

DUR-A-GLAZE #4 Regular – For use on most typical installations, for normal use.

DUR-A-GLAZE #4 "Cold Cure" - For cold area applications when temperature can not be maintained over 50°F, and when a more rapid cure is required at normal temperatures. Should not be used in topcoats due to yellowing.

DUR-A-GLAZE #4 "Fast" - For quick turnaround time in room temperature areas. Should not be used in topcoats due to yellowing.

DUR-A-GLAZE #4 "Water Clear" - Ideal for top-coating quartz floors. Has excellent color retention. May be used in warm temperatures when longer working time and pot life is required.

DUR-A-GLAZE #4 "Damp Primer" - For use as a prime coat or a basecoat on freshly acid etched concrete or when a surface cannot be dried thoroughly.

DUR-A-GLAZE #4

TECHNICAL INFORMATION

Color	Clear, can be tinted with Dur-A-Gard Resin
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	20 - 25 minutes
Cure Time, Touch Dry at 70°F	4 - 6 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

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		3.77 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.

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 considered to be a low maintenance flooring solution, however, certain textures and service environments require specific procedures. Please refer to the master "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.

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.