

DUR-A-POXY#245

DESCRIPTION

DUR-A-POXY #245 is a two-component water-based epoxy. It is designed for use as an epoxy paint, as a waterproof coating for inside basement walls, as a base coat for vinyl chip seamless flooring and as an additive for various Portland cement patching/resurfacing mixtures to enhance adhesion and overall quality. When equal amounts of hardener and resin are combined, an irreversible chemical reaction occurs that hardens the blended epoxy into a protective coating. It exhibits the good adhesive properties of epoxies, is non-flammable and easy to use.

BENEFITS

- Easy to Use 1:1 Mix Ratio
- Low Odor
- Detergent and Water Clean-up
- Breathable
- Tenacious Adhesion

LIMITATIONS

This product must be kept from freezing. It is best suited for application in temperatures between 55°F and 95°F. Substrate must be clean, sound, and dry. Best results are obtained when the hardener and resin are kept at 70° F. Warmer temperatures reduce the pot life. Do not use DUR-A-POXY #245 at temperatures below 55° F. Keep hardener and resin cool in summer (never in direct sunlight) at room temperature when it is cold. Circulate air with fans at high humidity levels.

TYPICAL USES

DUR-A-POXY #245 is recommended for use as a base coat for DUR-A-CHIP Seamless Flooring applications and as a sealer for basement floors or walls.

COLORS

DUR-A-POXY #245 is available in white or may be pigmented with a universal water based colorant.

PACKAGING

DUR-A-POXY #245 is available in 1-gallon cans, 5-gallon pails and 50-gallon drums.

APPLICATION METHOD

DUR-A-POXY # 245 is typically applied with a brush and roller at approximately 100 to 200 Sq Ft per gallon. Porosity of substrate will determine spread rate, please contact our technical department for assistance.

JOINT GUIDELINES

Refer to the Joint Guidelines for complete details 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.

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.

SAND/CEMENT GROUT ADDITIVE

DUR-A-POXY Formulations are an excellent additive to enhance the adhesive and physical properties of any cement type grout or concrete. It may be used as received (after mixing both parts hardener and resin) to replace the water needed to form the grout. If economics are of a concern, the blended hardener and resin can be reduced with 25-50% tap water before adding the sand/cement powder. Best results are obtained by priming the area to be patched with the blended epoxy just prior to patching.

DUR-A-POXY #245

TECHNICAL INFORMATION

Finish:	Satin	Viscosity at 70°F:	4500 cps
Vehicle Type:	Water Based	Cure Time at 70°F (re-coat):	16 – 18 Hours
Total Solids:		Cure Time at 70°F (normal use):	24 – 48 Hours
Flash point:	N/A Water Based	Spread Rate, Avg. Concrete:	100 – 200 Sq Ft / Gallon
Color (cured):	White, Grey	Application methods:	Roller or Brush
Induction Period:	None	Mix Ratio:	1 : 1
Weight per gallon:	10.8, 10.9	Shelf Life:	1 Year In Unopened Container
		Pot Life at 90°F:	2 Hours
		70°F	2 – 4 Hours
		55°F	4 Hours
Physical Property	Test Method	Result	
60 Gloss	ASTM D-523	50 ± 5	
Impact Resistance	MIL D-2794		
Solids by volume		64%	
Adhesion	ASTM D-4541	Substrate Failure	
Flexibility (1/4: Cylindrical mandrel)	ASTM D-1737	Passes	
Re-Coat Time	at 70°F	16 – 18 Hours	
VOC Content		9.1 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.