

# McKinnon Materials, Inc.

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## RAPID SET CLEAR INDUSTRIAL EPOXY

Physical Properties		Performance Properties	
Composition:	Two part component epoxy system for use as a sealer, glaze or finish coat for industrial seamless flooring, or as a binder in aggregate filled trowelable or broadcast compounds.	Tensile Strength:	(ASTM D638 8000 PSI)
		Elongation:	(ASTM D638 7%)
		Hardness:	(ASTM-D2240 shore D) 85
Solids Content:	100% solids	Comprehensive Strength:	(ASTM D695) 12,600 PSI
		Impact Strength:	Foot lbs per inch of 5 notch ASTM D-256
Mix Ratio:	3 to 1	Abrasion Resistance	Grams weight loss 29mg loss federal test method standard 406 method 1091
Viscosity:	@77 degrees F cps 1,200	Adhesion:	300-360 psi Elcometer (Concrete Failure no delamination)
Shelf life:	12 months (unmixed)	Color: Clear	Flashpoint: Cure: 200 F Resin: No response
Pot life:	@77 degrees F approximately 15 minutes	Chemical Resistance	
General Information		Reagent	Rating
Application:	See surface preparation	Acetic Acid 10%	R
1. Binder		Acetone	L
		Bleach	R
		Citric Acid 5%	R
2. Finish Coat	R-recommended for continuous service L- Limited recommendation, occasional spills	Crude Oil	R
		Ethyl Alcohol	R
		Gasoline	R
		Hydrochloric Acid 15%	R
		Lactic Acid 5%	R
		Methyl Ethyl	R
		Ketone	L
		Nitric Acid 5%	R
		Skydrol	R
		Sodium Hydroxide 50%	R
		Sulfuric Acid 25%	R
		Toluene	L
		Xylene	R

Coverage:	Build coating depends on the application technique, substrate porosity and intended function, but for most applications, an average mill thickness of 10 is 150 sq ft per gallon		
Drying Time:	Should be allowed to cure 6-8 hours at normal room temperature for light traffic, and 2 days for heavy traffic		
Clean up:	Tools and mixing equipment should be thoroughly cleaned prior to gelation of the product. Typical solvents such as xylene And acetone may be used for cleaning.		
	<b>Important note:</b>		
	<b><u>Safety</u></b>  Material Safety Data sheets are available from Mckinnon Materials and should be consulted prior to use of the products. This product is intended for the use by professionals only. Keep away from children and those not trained in the use and potential hazards involved.		
	<b><u>Warranty:</u></b>  Mckinnon Materials warrants its products to conform to its manufacturing standards. Mckinnon Materials will replace or refund the purchase price of non-conforming products at the seller's option; such remedy being exclusive of all others and sole remedy available to the buyer. Buyer hereby expressly waives to claim to additional damages. Any claim under this warranty must be made in writing within 7 days of discovery of non-compliance and no later than two years from the date of delivery of product. No representative, distributor or applicator of these products is authorized to modify product, product data or warranty.		



This checkered flag inspired floor was created using **McKinnon Materials Black & White tinted Industrial Epoxy** protected with **High Performance Urethane**.