

EPOX-EZE

Heavy duty epoxy resin floor coating



Easy to use high build floor coating that will last for years

What is Epox-eze?

Epox-eze is a complete floor coating system based on high solids epoxy resin technology which has been designed to provide a tough and durable floor protection finish. Epox-eze will provide a smooth gloss finish to which aggregate can be added to provide a textured finish if required. Epox-eze is easy to apply by roller and paint brush to create a seamless, hard wearing and hygienic floor finish.

How does Epox-eze work?

When the Epox-eze base and hardener are mixed together, they react together to form an epoxy resin. This resin cures to form a strong coating that will quickly bond to substrates and provide a durable floor coating.

Key Features and Benefits of Epox-eze

Easy to mix and easy to apply.
Durable and hard wearing – Epox-eze will last for years, even in areas subject to heavy traffic.
 Hygienic and easily cleaned.
Good chemical resistance.
 Low odour – solvent free.
Good colour stability.
 Excellent slip resistance with the inclusion of selected aggregates.
Available in a wide range of colours.

Recommended Areas of Use

Food processing and beverage areas.
Chemical plant rooms.
 Engineering workshops.
Automotive and aviation areas.
 Factory units.
Warehouses.
 Excellent for all demarcation and walkways.

Instructions for Use Preparation

New Concrete Floors: New concrete must be clean, sound, dry, fully cured and surface laitance removed by vacuum enclosed shot blasting.

Existing Concrete Floors: Remove all dirt, oil, grease, old paint or any other surface contaminants by vacuum enclosed shot blasting, scarifying or mechanical grinding. Fats, oils or greases must be removed by mechanical means and detergent washing. Make sure residue of detergent is washed and removed by rinsing with clean water.

Existing Floors (previously coated): All previous coatings and loose floor paints must be removed by mechanical preparation. Where Epoxy-eze is applied to masonry / concrete surfaces, care must be taken to ensure that surface preparation is thorough but does not disfigure the surface.

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Colour Chart

	Black
	Brick Red
	Poppy Red
	Yellow
	Blue
	Light Green
	Light Grey
	

Application

The ambient temperatures of the areas of application should not be allowed to fall below 15°C throughout the application and the curing period, as this could have an adverse effect on the appearance and colour of the system. Surface temperature must be above 10°C.

Mixing: Pre-mix the coloured base component to a uniform consistency, then mix the entire contents of the base with the hardener. If a separate mixing bucket is being used, mix thoroughly ensuring all contents of both components are removed from the buckets supplied. Mix using a slow speed electric mixer for approximately two to three minutes until the two components are fully combined.

The mixed unit should be applied immediately by roller or brush with a consistent procedure. Floor areas should be cross rolled to ensure even application and to minimise roller marks. If using aggregate, hand scatter over the freshly painted coating.

Technical information - PRODUCT INFORMATION

Recommended System Thickness	200-250 microns
Solids Content by Weight	~100%
Pack Make Up	1 x Base, 1 x Hardener, 1 x Aggregate
Shelf Life	36 months
Storage	Keep out of direct sunlight. Store in a dry place, between 15°C and 30°C. Good
Chemical Resistance	Tolerant of temperatures up to 45°C
Temperature Resistance	~200 g/l (Calculated per full mixed unit. Colour dependent)
VOC	Dry > 50 PTV (Pendulum Test Value) – Low slip potential
Slip Resistance	Wet 26 PTV – Moderate slip potential

Technical information - APPLICATION INFORMATION @ 20°C

Coverage Rate	5kg will cover 17m ² @ 200 microns wet film thickness
Pot Life	25-30 minutes from mixing Note: All mixed paint must be used within the pot life time limit. If the paint is left in the container after mixing and not used, it may release hazardous fumes due to exothermic reaction.
Recoating Intervals	6 hours or once surface has lost tackiness.
Light Traffic	12-16 hours
Full Traffic	24-36 hours
Full Chemical Cure	7-10 days

Health and Safety

Before use, it is important that you have read the Safety Data Sheet in its entirety and the appropriate PPE is worn during use.

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