

TECHNICAL DATA SHEET

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2-Pack Epoxy Highbuild Garage Floor Paint

Product Description & Recommended Use

- Economical long-term protection in demanding conditions.
- Incredibly durable and hard-wearing with excellent resistance to water, solvents, acids, alkalis and salts.
- Excellent cross-linking with Regal 2-Pack Epoxy Floor Sealer (First Coat).
- Can be used as a standalone paint to freshen up an existing epoxy-painted floor (always patch-test prior to painting the whole floor).
- Trouble-free application by roller or brush.
- Recommended for heavy-duty commercial and industrial areas; garage floors where dust and grease can be an issue.
- Ideal for areas that will be receiving heavy traffic such as vehicles and trucks.

Designed for application to concrete and non ferrous metals, Regal 2-Pack Epoxy Garage Floor Paint is incredibly durable and hard-wearing, making it ideal for use on areas that will be receiving heavy traffic, such as vehicles and trucks, and in garages where dust and grease can be an issue. It gives excellent protection against water, solvents, acids, alkalis and salts.

For floors already painted in epoxy: You can use Regal 2-Pack Epoxy Garage Floor Paint to paint over an existing epoxy-painted floor, as long as the floor is in good condition. We recommend that prior to painting the whole floor, you carry out a patch test to ensure that no chemical reaction takes place, as this may cause problems such as the paint lifting or not drying properly.

For floors that are showing wear or for bare floors: We recommend that you suitably prepare the surface (see our how to guides) and apply Regal 2-Pack Epoxy Floor Sealer (First Coat) as a primer coat. The sealer will penetrate the floor and give an excellent cross-link with the Regal 2-Pack Epoxy Garage Floor Paint, ensuring adhesion to the floor and a strong long-lasting surface.

Resistance Guide		
<i>Environment</i>	<i>Splash and Spillage</i>	<i>Fumes and Weathering</i>
Acid	Fair	Good
Alkaline	Excellent	Excellent
Salt Solution (Acidic)	Excellent	Very Good
Salt Solution (Neutral)	Excellent	Excellent
Salt Solution (Alkaline)	Excellent	Excellent
Water	Excellent	Excellent

Key Benefits

- Durable and Hardwearing
- Heavy Duty
- Cross-Links with Regal 2-Pack Epoxy Floor Sealer (First Coat)

Complies with all current legislation at the time of writing.

TECHNICAL DATA SHEET 2-Pack Epoxy Floor Sealer (First Coat)

Standard Colours	Slate Grey, Light Grey, Brunswick Green, Ford Tractor Blue, Cornflower Blue, Red Oxide, Post Office Red, Caterpillar Yellow, JCB Yellow, Chocolate Brown, Bright Orange, Black, White. Other RAL and British Standard colours can be made, dependent on the quantities required.
Dry Film Appearance	Sheen
Substrates	Concrete and non-ferrous metals
Components	2 (Resin and Hardener/Activator)
Curing Mechanism	Solvent release and chemical reaction between components
Mixing Ratio (by Volume)	Resin 4 parts: Hardener/Activator 1 part
Induction Time	10 minutes (at 20°C)
Pot Life	3 hours at 20°C (pot life is dependent on temperature and quantities mixed)
Spreading Rate	5-7m ² per litre at 125µm (allow for application losses, surface irregularities etc.)
Touch Dry @20°C	12-16 hours
Recoating Time @20°C	24 hours
Hard-Drying Time	48 hours
Full Cure	7 days
Typical Wet-Film Thickness	230µm per coat
Typical Dry-Film Thickness	150µm per coat
Solids by Volume	63% (ASTM D2697) ±3%, dependent on colour
VOC Information	22% by weight (190g/kg)
Specific Gravity	1.68 kg per litre (mixed product)
Application Temperature	Minimum 5
Application Method	Roller (or brush for small areas)
Thinners	Standard Thinner
Flash Point	Resin 36°C; Hardener/Activator 33°C (Closed Cup)
Pack Size	5 litres (Resin 4 litres: Hardener/Activator 1 litre); 20 litres (Resin 16 litres: Hardener/Activator 4 litres)
Shelf Life	12 months (when stored indoors, unopened, in the original containers at 5-30°C)

Recommendations following application of this product

- Do not park vehicles or place heavy machinery/equipment onto the floor for a minimum of 48 hours.
- When used in conjunction with Regal 2-Pack Epoxy Floor Paint (Top Coat), do not get the floor wet for a minimum of 7 days as this will cause bloom (discolouration).

Complies with all current legislation at the time of writing.