



MONARCOAT 720

HIGH BUILD EPOXY RESIN COATING

ABOUT MONARCOAT 720

Monarcoat 720 is a high build, solvent free epoxy coating designed to deliver a durable, hygienic and easy to clean finish in industrial and commercial environments. Applied in two coats, it provides excellent chemical resistance, strong adhesion and a seamless gloss surface suitable for pedestrian areas, trolley routes and light to medium vehicle traffic.

The system can be installed as a smooth decorative finish or upgraded with aggregate for added slip resistance. It can operate as a standalone protective coating or alongside other Monarch resin systems, with optional Fast Cure and Slip Resistant variations available for projects requiring reduced downtime or enhanced safety.

APPLICATIONS

Monarcoat 720 is suitable for a wide range of commercial and industrial environments where a durable, attractive and easily maintained surface is needed.

Its strong chemical resistance, seamless finish and dependable performance make it a versatile solution for both functional and hygiene-critical spaces.

Typical applications include:

- Light manufacturing and assembly areas
- Food and drink production and packaging zones
- Warehouses, storage facilities and logistics centres
- Processing and distribution areas
- Automotive workshops, garages and maintenance bays
- Plant rooms, utility spaces and equipment bays
- Pharmaceutical, medical and clean production environments

The system is ideal for floors that experience regular cleaning, ongoing pedestrian use and trolley or light vehicle movement.



SYSTEM VARIATIONS

The standard Monarcoat 720 system meets the requirements of most industrial and commercial environments. For projects with specific operational demands, enhancements are available. The **Fast Cure** version offers reduced downtime while maintaining the same high build finish and application method. The **Slip Resistant** version incorporates a selected aggregate to provide a textured, safer underfoot surface suited to different slip rating requirements. We also have a **Moisture Tolerant** version available. These options use the core Monarcoat 720 formulation and remain fully compatible with the standard system.

TECHNICAL OVERVIEW AND PERFORMANCE

The Monarcoat 720 system is formulated for reliable curing and long term performance across typical industrial environments. Cure times will vary depending on temperature, humidity and airflow.

Property	Specification
Type	FeRFA Type 3 epoxy resin coating
System	Solvent-free, high-build epoxy resin floor and wall coating
Finish	Gloss, coloured (smooth or slip-resistant options available)
Adhesion to Concrete (BS EN 1504-2)	> 1.5 MPa
Recommended Thickness	400 microns (two coats)
Coverage (typical)	1st coat: 375 g/m ² 2nd coat: 250 g/m ²
Pot Life (20 °C)	20 minutes (standard) / 15 minutes (Fast Cure)
Curing Times (20 °C)	Pedestrian traffic: 16 hours (6 hours for Fast Cure) Light wheeled traffic: 24 hours Full traffic: 7 days (4 days for Fast Cure) Full cure: 7 day
Colours Available	Standard colours, RAL/British Standard options on request
Slip Resistance	Standard gloss, or slip-resistant (Monarcoat 720+) with fine aggregates
Substrates	Concrete and polymer-modified cementitious screeds
Shelf Life	12 months (stored at 15-25 °C, dry conditions, frost-free)

Important Notes and Disclaimer:

Performance values are typical and may vary depending on substrate condition, preparation method, temperature, humidity and ventilation. Colour and finish may differ slightly between batches, and cure times will be affected by site conditions. Slip resistance depends on the grade and loading of aggregate selected. All information provided is a general guide only; system performance and coverage rates are influenced by application technique and environmental factors. Monarch accepts no responsibility for variations arising from incorrect preparation, adverse conditions or deviations from the recommended installation procedure. Always refer to the latest technical data sheets for accurate guidance. Always consult the Monarch Technical Services team for project-specific advice.

ADVANTAGES OF MONARCOAT 720

Durability and Mechanical Strength

- High build epoxy formulation designed for long term performance
- Excellent resistance to abrasion, wear and mechanical movement
- Strong adhesion to correctly prepared concrete substrates

Hygienic and Easy to Clean

- Seamless, dust free surface reduces contamination traps
- Compatible with most routine cleaning regimes and detergents
- Ideal for hygiene-critical facilities and food production environments

Chemical and Stain Resistance

- Resistant to oils, fuels, solvents, mild acids and alkalis
- Suitable for industrial and production areas exposed to regular spillages

Slip Resistant Options

- Standard system offers a smooth, decorative gloss finish
- Optional aggregate upgrade creates a textured slip resistant surface
- Aggregate grades selected according to required safety levels

Colour Range and Aesthetic Flexibility

- Available in a wide selection of standard RAL colours
- Additional RAL and BS shades available upon request
- Enhances the appearance of workspaces with clear, bright finishes

Quality and Assurance

- Installed by FeRFA-accredited specialists
- Manufactured and applied in accordance with BS EN 13813
- Proven performance across industrial, commercial and specialist sectors

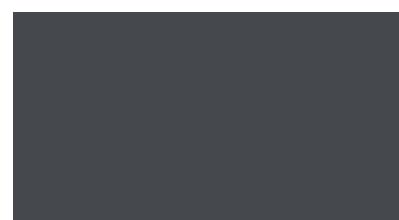
MONARCOAT 720 COLOUR CHART



RAL 7004
SIGNAL GREY



RAL 7005
MOUSE GREY



RAL 7015
DARK GREY



RAL 7035
LIGHT GREY



RAL 7037
DUSTY GREY



RAL 7046
MID GREY



RAL 3011
RED



RAL 6001
EMERALD GREEN



RAL 5017
TRAFFIC BLUE

Variations in screen brightness and print methods may alter the appearance of colours. For precise colour matching, please contact us to request a hard sample.

WHY CHOOSE MONARCH

Accreditations and Quality Assurance

Monarch operates to the highest industry standards, delivering every installation with a focus on performance, safety and long term reliability. As long-standing members of The Resin Flooring Association (FeRFA) and SafeContractor approved, we ensure full compliance with UK health, safety and environmental requirements.

All materials used within the Monarcoat 720 system are manufactured and tested in accordance with FeRFA guidelines and relevant BS EN standards for resin flooring. Each coating system is installed by trained and certified operatives, ensuring correct preparation, consistent film build and a professional finish every time.

Established in 1987, Monarch is a third-generation family business with extensive experience in industrial resin flooring and high build epoxy coatings.

Our specialist knowledge, strong technical foundations and commitment to quality are reflected in the long-lasting performance of every floor we install throughout the UK.



Contact and Technical Support

Monarch provides nationwide installation and free technical support for all resin coating systems. Our team offers guidance on specification, surface preparation, coating selection and performance requirements to ensure every project receives the right solution for its environment.

We assist with site assessments and system recommendations, helping you identify the most suitable coating based on operational demands, traffic levels and hygiene needs. Our technical team is here to support you from enquiry to installation.

For further advice, colour samples or to arrange a site visit, please contact us using the details below.

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