

# THE CENTRAL FLOORING BUYERS GUIDE TO RESIN FLOORING

HOW TO CHOOSE THE RIGHT FLOORING  
SYSTEM AND THE BEST CONTRACTOR



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This guide has been written for any business looking for a tough, high-performance floor for their working space. Whether your premises are a warehouse, food factory, **pharmaceutical**, or manufacturing facility synthetic resin flooring provides a cost-effective alternative to **other floor coverings** – able to withstand heavy traffic and high usage over a long working life span.

Resin floors are made from a range of synthetic resins – primarily polyurethane and epoxy resin. These resins are formulated to create a specific flooring type (eight flooring resins are recognised by FERFA). Each requires a different application method and is designed for different uses, e.g. food safe environments, manufacturing, high traffic warehouses etc.

***This guide explains the benefits and applications of each type of resin floor system and provides pointers you can use when selecting a resin flooring contractor.***

We are Central Flooring Services, one of the UK's leading suppliers of industrial and commercial resin floors. We offer installation, maintenance, and repair, and work with clients throughout the UK. If you'd like to find out more, need help selecting the best type of flooring for your application, or would like a free quote please call **0116 275 0315** today.





# The Benefits Of Resin Flooring

The greatest benefit of resin flooring is its flexibility. A resin flooring system can be customised to allow for different volumes, types, and frequencies of traffic, to meet industry-specific needs (e.g. hygienic flooring), and to mitigate against various risks.

When compared to **other floor coverings**, a resin floor offers far greater lifetime value for money.

- With **higher abrasion and impact resistance**, a resin floor maintains its performance characteristics throughout its life-cycle, needing fewer repairs and costing less to maintain.
- A resin floor allows a greater degree of branding and decoration than concrete. Decorations retain their vibrancy and uniformity without the need for frequent repainting.
- A resin floor is smooth and level, providing a safe and uniform surface for pedestrians, vehicles, and storage.
- Synthetic resins are naturally resistant to grease, oil, acids, dirt, and spillages – and are easy and straightforward to clean.
- Resin flooring can be augmented to meet special requirements – including slip resistant and static control – by including special aggregates within the resin itself.
- Synthetic floor resins are more sustainable option than **other floor coverings, being generally water-based or solvent-free. They are made from recycled material and easy to overcoat rather than replace.**





The Resin Flooring Association (FERFA), following BS 8204-6 (section 6.2) classifies resin floors into eight categories by thickness and surface finish. Each is described below, with a summary of advantages and suggested applications. For our professional recommendation and to discuss your requirements, simply give us a call!

## 1) Resin floor seal

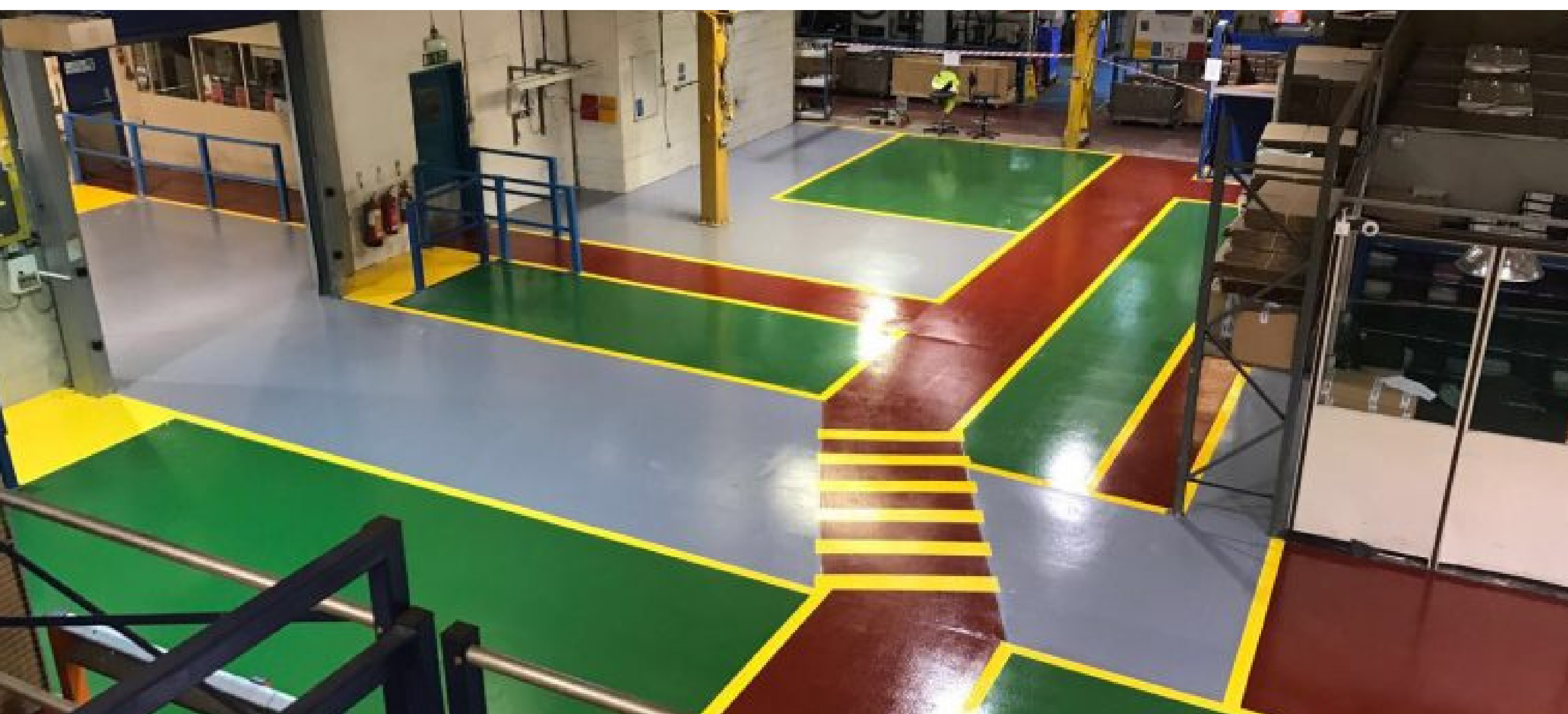
- **Durability:** Light foot traffic and infrequent light vehicles (e.g. trolleys).
- **Characteristics:** Protection against mild chemical spills.
- **Applications:** Low traffic areas only. Dust proofing and light duty protection for concrete floors.

## 2) Resin floor coating

- **Durability:** Light duty foot and vehicle traffic. Coatings last up to two years.
- **Characteristics:** Protects against mild chemical spills, some impact resistance, easier to clean than concrete.
- **Applications:** General storage and manufacturing areas.

## 3) High-build resin floor coating

- **Durability:** light-Medium duty; regular foot and vehicle traffic, including forklifts. Coatings last 2-3 years.
- **Characteristics:** Chemical resistance, moderate impact resistance, food safe/hygienic grades and anti-static grades available, easy to clean.
- **Applications:** Offices, warehouses, hospitals, manufacturing environments.



## 4) Multilayer resin floor

- **Durability:** medium-heavy duty; continual foot, vehicle and trolley traffic. 3-5 year working life.
- **Characteristics:** Chemical resistance, good impact resistance, food safe/hygienic available, anti-static grades available, easy to clean, good slip resistance.
- **Applications:** Shopping centres, wet areas, kitchens, food processing, storage and manufacturing areas.

## 5) Flow-applied/self-smoothing/self-levelling resin flooring

- **Durability:** medium - heavy duty foot and vehicle traffic. High loads. Coatings last 4-8 years.
- **Characteristics:** Good impact resistance, very good chemical resistance, food grades and static control grades available.
- **Applications:** Offices, warehouses, car showrooms, airport hangars, loading areas, public spaces, shops.

## 6) Screed flooring

- **Durability:** Long life (7-12 years), medium-heavy duty flooring.
- **Characteristics:** Moderate impact resistance, easy to clean, food-safe, moderate anti-slip, static controlled grades available. Low chemical resistance. Easy to clean unless chipped/damaged.
- **Applications:** Offices, public buildings, warehouses.

## 7) Heavy duty flowable flooring

- **Durability:** heavy - very heavy-duty flooring for constant vehicle traffic, large loads, and impacts – will last 8-10 years.
- **Characteristics:** Excellent chemical resistance, excellent impact resistance, excellent cleanability, food safe and anti-static grades available. Low slip resistance.
- **Applications:** Logistics and manufacturing areas designed for constant heavy vehicle use and storage of heavy loads.

## 8) Heavy duty screed floor

- **Durability:** Very heavy duty - Extremely tough flooring system that has excellent resistant to impacts, loading, and continuous heavy vehicle traffic. Life expectancy 10-12 years.
- **Characteristics:** Excellent impact and chemical resistance, excellent hygiene level, good anti-slip resistance, anti-static grades available.
- **Applications:** Food and drink manufacturing and processing, electronics manufacturing, pharmaceuticals, power generation, chemical processing, busy distribution centres.



# Working With A Resin Flooring Contractor: How To Get The Best Value For Money

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Some small businesses may not mind the idea of applying a resin floor seal or floor coating (FERFA categories one and two) themselves as part of routine maintenance. However, most resin flooring systems require specialist equipment and knowledge and it is most cost-effective in these cases to use the services of a professional contractor.

This avoids the risk of making mistakes during application – with a waste of time and materials – and ensures the best results in the quickest possible time. But how do you choose the best flooring contractor for your application? There are contractors out there with different areas of expertise, e.g. specific types of resin performance flooring and capabilities, e.g. some contractors may work only with large-scale clients. Prices vary a lot, too.

Here are our tips for narrowing your search to find the right flooring contractor, and a few common mistakes to avoid:





**Experience:** There are some start-up contractors out there, but for mid-large projects and results you can depend on there is no substitute for experience. And not just any experience. Choose a contractor with experience specific to your sector and industry, with the testimonials to back it up.

**Extensive portfolio:** With experience should come a varied and comprehensive portfolio, demonstrating excellence in every service advertised by the contractor. Request case studies to support portfolio images if possible.

**FERFA membership and approval:** The Resin Flooring Association (FERFA) is the UK's professional body for resin flooring contractors, setting quality standards and best practices for the industry. All serious contractors should have FERFA membership and accreditation – working with a FERFA member provides assurance that you'll receive the highest standards of workmanship, customer service, and aftersales care, and benefit from the best materials.

**Financial stability:** Choose a contractor with the financial stability to provide long term support – especially if they're offering you a repair and maintenance contract.

**Multiple client references:** Seek out a contractor with written testimonials relevant to your industry, which you can independently verify. Ask for contact details and don't be afraid to cross check the details of the testimonial with the end-user by phone or email.

**Approved Contractors:** The Contractor should be an approved installer by the manufacturer.

**Accredited:** The Contractor should have accredited management systems for safety, quality and environment such as ISO 9001, 14001 and CHAS.





**Extremely low prices:** Cheaper is not always better. If a quote looks too good to be true it may be the contractor is using lower-grade resins or is skimping on crucial parts of the process – such as the site survey, preparation, consultation, or aftersales care.

**Non-members of FERFA/contractors without the right accreditations:** Not all contractors are FERFA members, but membership indicates excellent minimum service standards which may not be guaranteed elsewhere.

**Contractors without a good portfolio:** If a contractor doesn't have a good portfolio of project images and case studies, you have to ask why. Is it a lack of experience, a lack of interest in sales (which may indicate poor customer service), or a poor record in customer satisfaction?

**Contractors without relevant recommendations and testimonials:** Again, if a contractor is not forthcoming with relevant recommendations, what are they hiding? Do your research carefully and favour contractors who are transparent about their work-record.





# Why Choose Central Flooring?

At Central Flooring Services, we provide a bespoke service to a wide range of businesses and organisations across the UK, using market-leading flooring suppliers and a team of experienced engineers, to install high-performance resin floors that deliver ongoing value and a superb ROI.

Over the past 40 years we've worked with food and drink producers, pharmaceutical facilities, warehouses and distribution centres, manufacturing and engineering companies, and local authorities – among others. This has given us a breadth of experience unmatched by many UK contractors, and allows us to provide specialist flooring solutions for high-performance and specific needs:

- Hygienic floor systems for food safe and sterile environments – including laboratories, kitchens, food manufacturing and storage facilities, electronics and microprocessor manufacturing etc.
- Heavy duty, durable resin floors for high traffic environments, frequent traffic and heavy loads – including aerospace manufacturing, airports and heavy industry





Our clients choose Central Flooring Services for three main reasons:

## 1) Personalised flooring solutions

Each flooring system is carefully selected to meet your compliance requirements, safety standards, and performance needs. The sales process begins with a personalised consultation, in which we recommend the best products and solutions for your floor and present a range of options to meet your budget and goals.

## 2) Excellent long-term value for money

Our performance flooring solutions are hard wearing and retain their strength and appearance over time. Our resin floors are easy to maintain and overcoat rather than remove and re-lay when worn.

## 3) Comprehensive range of services

We offer a one-stop-shop for resin flooring services, providing anti-slip, antistatic and hygienic flooring systems, as well as drainage, kerbs, and sub-flooring. On top of this, we offer a bespoke demarcation and floor marking service, and ongoing repairs and maintenance.



If you're interested in finding out more about our resin flooring systems and how they can benefit your business, get in touch with one of our advisers today.

You can call us on **0116 275 0315**, or request a free quote by [clicking here](#). We look forward to hearing from you!

