

textiles processing
& manufacturing

textiles processing & manufacturing flooring guide

vebro polymers

 FeRFA

a big **hello** from vebro

Vebro Polymers is a global supplier of polymer flooring solutions, specialist coatings, pump screeds, rapid-drying screed additives and car park deck wearing and waterproofing solutions.

Our products and systems have been expertly designed for use in a wide variety of applications. We can also provide specialist materials for use on fast turnaround new-build or renovation projects as well as those required for external applications or subfloor preparation prior to the installation of final finishes.

industries we serve



industrial & manufacturing



food & beverage



parking garages



commercial venues



prison buildings



shopping centres



institutional buildings



mixed-use developments



transport & infrastructure



external areas

polymer flooring explained

Polymerisation is, in short, a chemical reaction between multiple components to create a polymer.

Although the components of a polymer floor are primarily liquid (other than decorative flakes, filler aggregates, sand or anti-slip quartz), the chemical reaction results in a hard, durable surface.

There are different types of polymer flooring technologies, each with its own unique physical features, performance characteristics and ideal applications.

Technology	Best for...
Epoxy	Applications where durability and chemical resistance are required
Polyurethane	Applications where elasticity, impact resistance and UV stability are required
Polyurethane concrete	Heavy-duty applications and areas of thermal shock
Comfort PU liquid vinyl	Commercial applications where design and improved indoor environmental quality are of high importance
Methyl methacrylate (MMA)	Speedy applications, where a quick turnaround is required

how is polymer flooring installed?

The first, and arguably most important, step in the installation of a resin floor system is preparation. The applicator will ensure that the substrate has the correct degree of texture and is free of contaminants like dust, oils or grease that may affect the integrity of the final finish.

Once the substrate is ready, resin flooring materials are installed by experienced applicators in layers. Depending on the type of floor system being installed, this process often starts with a primer layer, then body coats and sealers where necessary, ensuring each coat has cured to the appropriate degree before moving on to the next.

flooring for textiles processing & manufacturing: polymer flooring designed to deliver in heavy duty spaces

Textile manufacturing and processing environments place heavy demands on flooring.

From offices and studios to production and storage, floors must withstand constant movement, heavy equipment, fibres, dust, and regular cleaning while supporting safe, efficient workflows.

Resin flooring systems provide durable, seamless surfaces tailored to the needs of each area.

By combining strength, wear resistance, slip resistance, and ease of maintenance, they help maintain performance, safety, and visual consistency across the facility.

Suitable for both people-focused and production-critical spaces, resin floors support clear zoning, long service life, and reliable day-to-day operations, creating a cohesive solution that keeps textile facilities running smoothly and safely.

key performance benefits



Hardwearing, durable finishes that withstand machinery, trolleys, and foot traffic



Easy to clean floors that support regular housekeeping and maintenance



High resistance to abrasion from constant movement and material handling



Wide range of finishes available to suit offices, production, and storage areas



Seamless surfaces that minimise fibre, dust, and debris build-up



Clear zoning and line marking to support organised workflows



Low-maintenance solutions that reduce downtime and long-term costs



Slip-resistant finishes that improve safety in busy production environments



corridors & internal walkways

Connecting spaces must remain safe, tidy, and visually consistent.

Seamless resin floors create easy-to-clean circulation routes that resist scuffing and wear, helping maintain a professional appearance throughout administrative and creative areas.



reception, offices & design studios

Office and client-facing spaces need to present a professional image while remaining practical and easy to maintain.

Resin flooring provides smooth, durable surfaces that resist wear from daily foot traffic and furniture movement, while supporting clean, modern interiors with minimal upkeep.

let's talk specifics...

Selecting flooring materials for an environment handling the production and / or processing of textiles? Drop Vebro Polymers a line to discuss how we can support your project...

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Kitchen
Dining room
Stranger Things

Right

Multi-functional hall
breakroom

manufacturing & processing

Production environments place constant stress on flooring through machinery vibration, material movement, and fibre build-up.

Resin flooring delivers tough, seamless surfaces that resist abrasion, support heavy loads, and simplify cleaning, helping maintain safe and efficient production lines.



fabric cutting & quality control

Cutting and inspection areas need stable, durable floors that support wheeled equipment and resist wear.

Seamless resin surfaces enable clear zoning, helping maintain efficient workflows and high-quality production standards.

dyeing & finishing areas

Floors in wet or chemical-intensive areas must resist moisture, spills, and abrasion while remaining safe for staff.

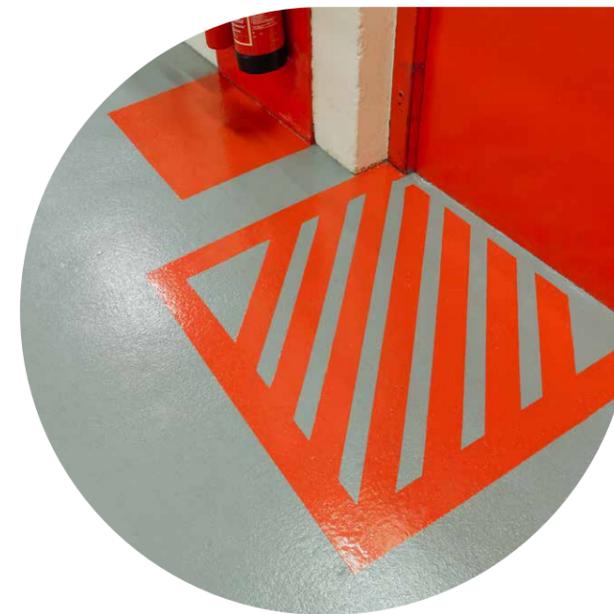
Resin surfaces provide durable, slip-resistant, and easy-to-clean finishes that withstand heavy use and support operational efficiency.



cleaning & high-use areas

Spaces exposed to regular cleaning, minor moisture, or spills require robust, non-porous flooring.

Resin surfaces provide slip resistance, easy maintenance, and long-term durability, ensuring safe and hygienic operations throughout the facility.



plant areas & maintenance

Operational support spaces require reliable, low-maintenance floors.

Resin flooring delivers durable surfaces that resist mechanical stress and simplify upkeep, supporting long-term operational efficiency.



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dispatch & loading zones

High traffic and fast turnaround demand robust flooring performance.

Resin systems withstand impact, vehicle movement, and abrasion while providing slip-resistant finishes that support safety during loading and unloading activities.

storage areas & warehouses

Textile storage areas must support racking, pallet trucks, and forklifts while remaining easy to clean.

Resin flooring offers high compressive strength and abrasion resistance, creating durable surfaces that protect both products and infrastructure.



vebro's big promise



Vebro Polymers was founded on a simple service promise to customers, which aims to provide the best **quality**, **agility** and **reliability** in the industry.

global team, local expertise

Founded in the UK, Vebro Polymers has grown, establishing hub HQs and partnerships to serve local markets across the world.



working with vebro is simple

Working with Vebro to find the right flooring solution is straightforward...

First, we review your facility, operational needs, and budget, then provide tailored flooring options that balance performance, lifespan, and cost.

Next, we connect you with an experienced applicator for a full quote on materials, installation, and aftercare.

With Vebro, your floor delivers safety, durability, and compliance for years to come.



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The logo for vebro polymers.com features the word 'vebro' in a bold, dark blue sans-serif font, followed by 'polymers.com' in a lighter blue sans-serif font. A small yellow and orange circular graphic is positioned between the 'o' in 'vebro' and the 'p' in 'polymers'.

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Please note: the information in this guide is subject to change and the most recent technical data should be sought for accurate, up-to-date product or system information. Errors & omissions excepted. The applied colours may differ from the examples shown within this guide. Actual samples should always be viewed before making a final decision, especially if colour accuracy or matching is key to your decision.

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Polymer Flooring Solutions for Textiles Manufacturing & Processing [Vebro Polymers] EN-UK 09/02/26