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Zenith Pola Flooring.

The seamless
flooring specialists.

Zenith Pola Flooring specialise in providing seamless flooring solutions to suit a wide range of applications for industrial and commercial environments. Designed to meet the most demanding requirements, our flooring systems utilise advanced materials and installation methods to provide a solution that has a modern appearance, is easy to maintain and has extreme resistance to abrasion.

Accredited to ISO 9001 and ISO 14001, we are an approved installer of many of the UK's leading seamless flooring systems and our team of experienced flooring professionals can design bespoke systems to fulfill the most complex requirements.

We have developed a unique method of design and installation that uses a layered composite design structure, working in conjunction with our sister company, ZenRite. This method not only increases

strength and durability, but also allows us to optimise the selection of resin based materials to meet the specific requirements of any floor without gaps or seams.

Minimising down time is a critical requirement when considering installing a new floor. That's why our systems are designed to be applied quickly with fast curing times, giving you a quality finish that you will be proud of and that will last for many years to come.

Seamless flooring can be applied in a variety of ways to suit particular tastes or a corporate brand image with a large variety of colours and textures. Whether you require a floor that is hygienic, abrasion-resistant, slip-resistant or acid resistant, or simply one that is hard wearing and decorative, we are able to provide professional expertise on the optimum solution for you.

Deli Co

Deli Co is a food processing company operating from a 2,400m² new build premises at Milton Keynes, with a predominantly wet working environment. This called for a flooring system capable of performing in these conditions, with excellent wet anti-slip values and able to withstand hard wheeled traffic, abrasion and high levels of impact.

A highly durable, abrasion and impact-resistant, self-priming and self-sealing resin floor, supplied and fitted by Zenith, met the requirements of Deli Co perfectly.





The new concrete slab floor was shotblasted to abrade the surface, our 'one-hit', heavy duty, 6mm polyurethane screed was laid and all expansion joints were reinstated by saw-cutting, and backfilling.





Project consultancy:

A consultative
approach.

We pride ourselves on taking a consultative approach, working with specifiers, building contractors or with customers directly to ascertain the requirements and implement the most cost-effective flooring system for your needs.

As an independent practitioner with more than 25 years experience of providing clients with bespoke high quality seamless floor finishes, we have the expertise and know-how to work with existing conditions, analyse problems specific to a job and provide the optimum, most appropriate solution.

We are committed to the highest quality standards and have a proven track record for reliability and professionalism. Our team has built up many years of practical

experience helping us to identify potential issues at the right stage in the process, saving our customers many thousands of pounds by being able to offer the right advice on the best way forward.

Whether you require a complete flooring installation or a simple coating, whether your project is new build or refurbishment, Zenith can work with any specified product or provide a one-stop solution, with all products supplied and fitted by Zenith.

Immedia

Immedia, who specialise in music strategies and in-store media, required their new 100m² head office to be refurbished with a clinical, industrial look.

Our layered composite comfort resin was supplied and installed by Zenith, providing the ideal solution to the customer's requirements.

Although the poor quality existing substrate and limited access due to the building's location presented difficult conditions, Zenith were able to meet the customers expectations of a seamless, clinical, industrial look, with a soft feel, durable and stylish finish.





The existing substrate was planed and repaired prior to a pumped cementitious screed being laid to create a stable and level surface for the floor finish to be applied to.

Seamless flooring systems:

The optimum
flooring solution.

We specialise in synthetic resin and cementitious levelling systems and will always recommend the best product combination for your application.

All systems are based on a synthetic resin and range from a simple floor seal or coating, to high performance medium and heavy duty systems. Unlike other flooring systems, such as vinyl, concrete, carpet, stone, tile, metal or timber, our systems provide a seamless, highly durable solution that is available in a wide range of designs, colours and textures. Resin flooring is the only system selected by the HSE (Health and Safety Executive) that can be designed to meet all of the critical performance criteria for working environments and still retain slip resistance.

Obviously, choice depends on budget, along with the requirements of the area where the flooring system is to be installed. Typical issues that require a suitable solution include uneven or slippery surfaces, chemical resistance, dust control, spalled or defective concrete surfaces, a need for hygiene, and a need for impact and abrasion resistance.

By gaining an understanding of your key operational criteria along with any problems inherent in the existing floor area, we are able to specify the flooring system that best meets your needs.

Floor seals and coatings

This option provides a tough, durable treatment at a low cost. We install a wide range of coatings and sealers, including epoxy, polyurethane, acrylic, water-based, solvent-free, gloss and matt slip-resistant finishes, and will advise on the best materials for your premises and usage. By adding inlays and using a range of colours and shapes, we can produce almost any design. The result is a dust proof solution that strengthens and protects the floor, provides mild chemical resistance and is easily maintained.

Medium duty systems

This includes floors laid at a thickness of typically 2 – 4mm and covers a wide range of applications. A medium duty flooring system is hygienic and slip-resistant, provides good chemical resistance and is available with many decorative finishes.

Heavy duty systems

These floors are designed to withstand the toughest usage and are laid at a thickness of typically 6 – 9mm. A heavy duty system is impact and abrasion resistant, slip resistant, provides excellent resistance to chemicals and high and low temperatures, and can be steam cleaned when laid at a thickness of 9mm.

Proven techniques:

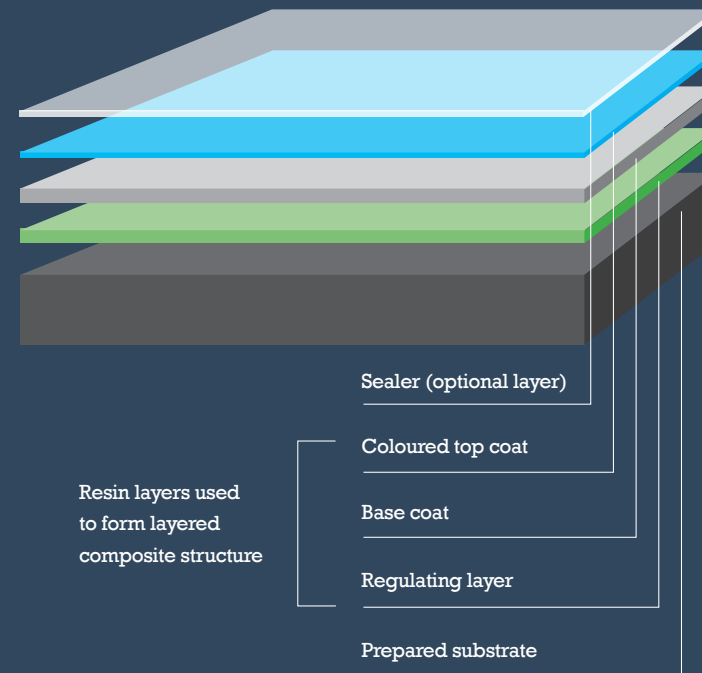
**A unique layered
construction.**

Based on many years' practical experience and technical knowledge of resin flooring systems, we have developed our own unique method of design and construction for seamless flooring systems, working in conjunction with our sister company, ZenRite.

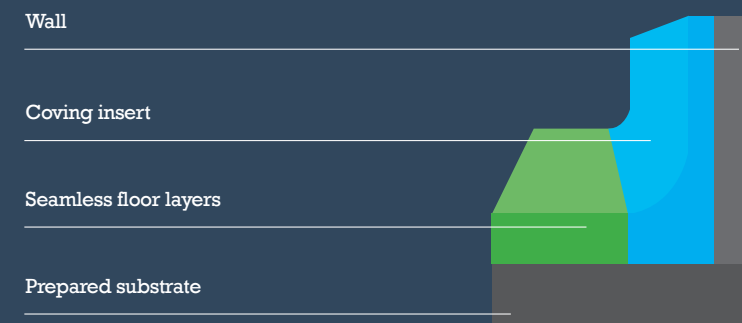
These systems are designed using a layered, composite structure, incorporating synthetic resin based material. As with all composite structures, this combination of different layers achieves a structure that is stronger than the sum of the individual parts, increasing both the density of the floor and its compressive strength, enabling it to withstand much higher loading forces.

Depending on usage and state of the existing floor area, different types of resin product can be selected to form the different layers, optimizing the design to deliver the highest levels of performance and providing a finish that is resistant to impact, abrasion, chemical attack and slippage, as required.

ZenRite Layered Composite Design Structure

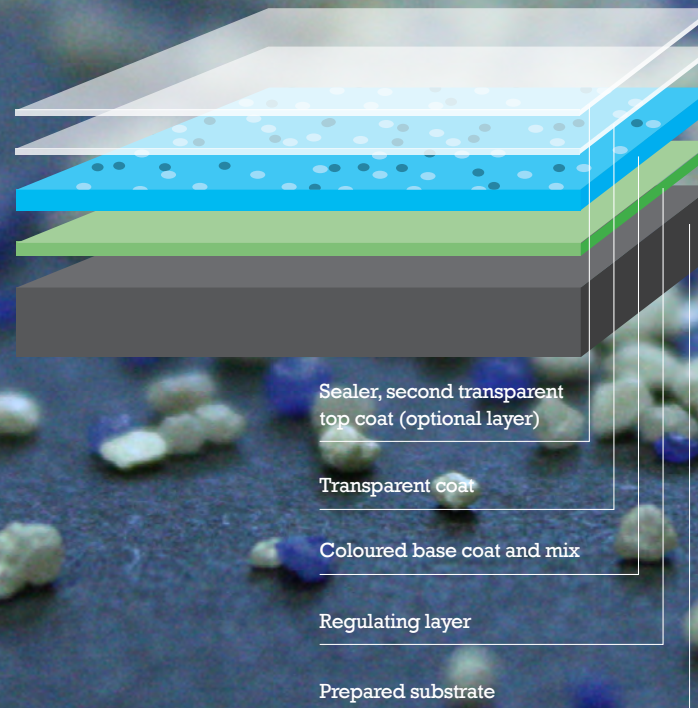


Seamless Coving Design Structure



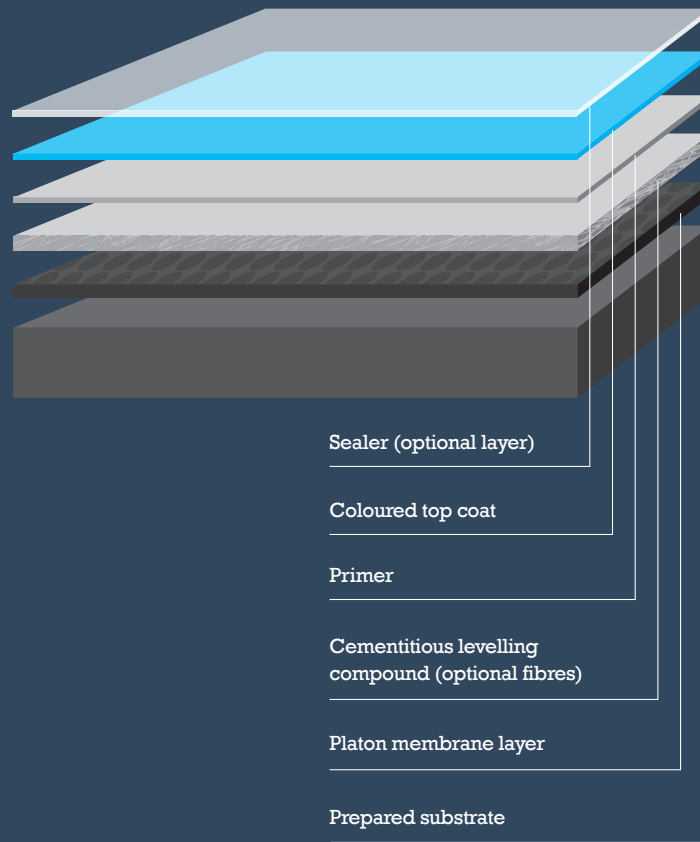
The following diagrams illustrate the flexibility of our layered composite design structures and provide an insight into the different designs and qualities that they deliver.

ZenRite Layered Composite Design Structure (Decorative)



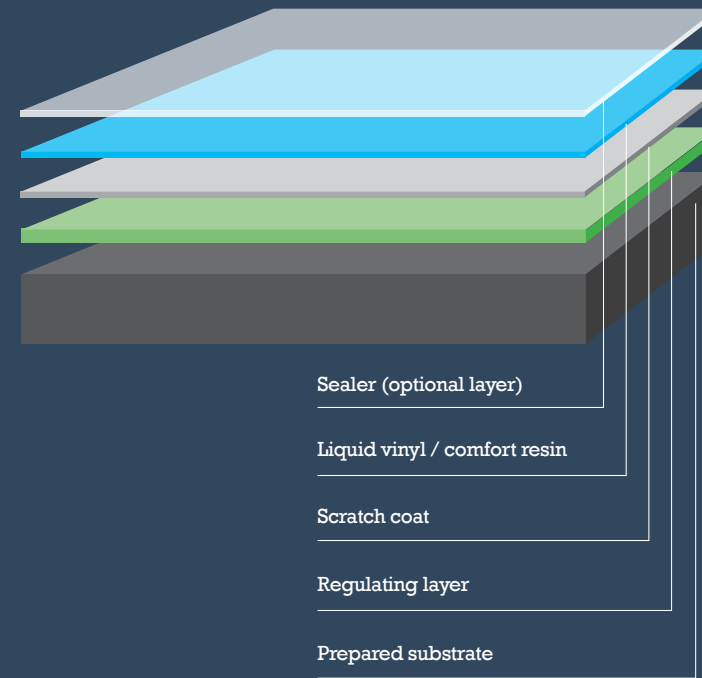
Our decorative design structure allows us to create a number of different colours and textures by introducing a coloured base coat into which we scatter aggregates such as quartz or flake. The quartz aggregate can then be ground down to alter the degree of slip resistance that the customer requires.

ZenRite Layered Composite Design Structure (Levelling)



Our levelling design structure gives us the ability to construct a seamless flooring system on to substrates that have a poor surface to bind to. By adding a platon membrane layer we can then add a levelling compound to build our seamless flooring layers on to. This solution provides customers with the option to avoid the expense of substrate replace or repair options.

ZenRite Layered Composite Design Structure (Comfort)



The comfort resin compound structure creates a soft feel solution by introducing a rubberised resin layer, enhancing comfort and improving acoustics. This fully seamless flooring system is the ideal option for customers who need to maintain high levels of hygiene.





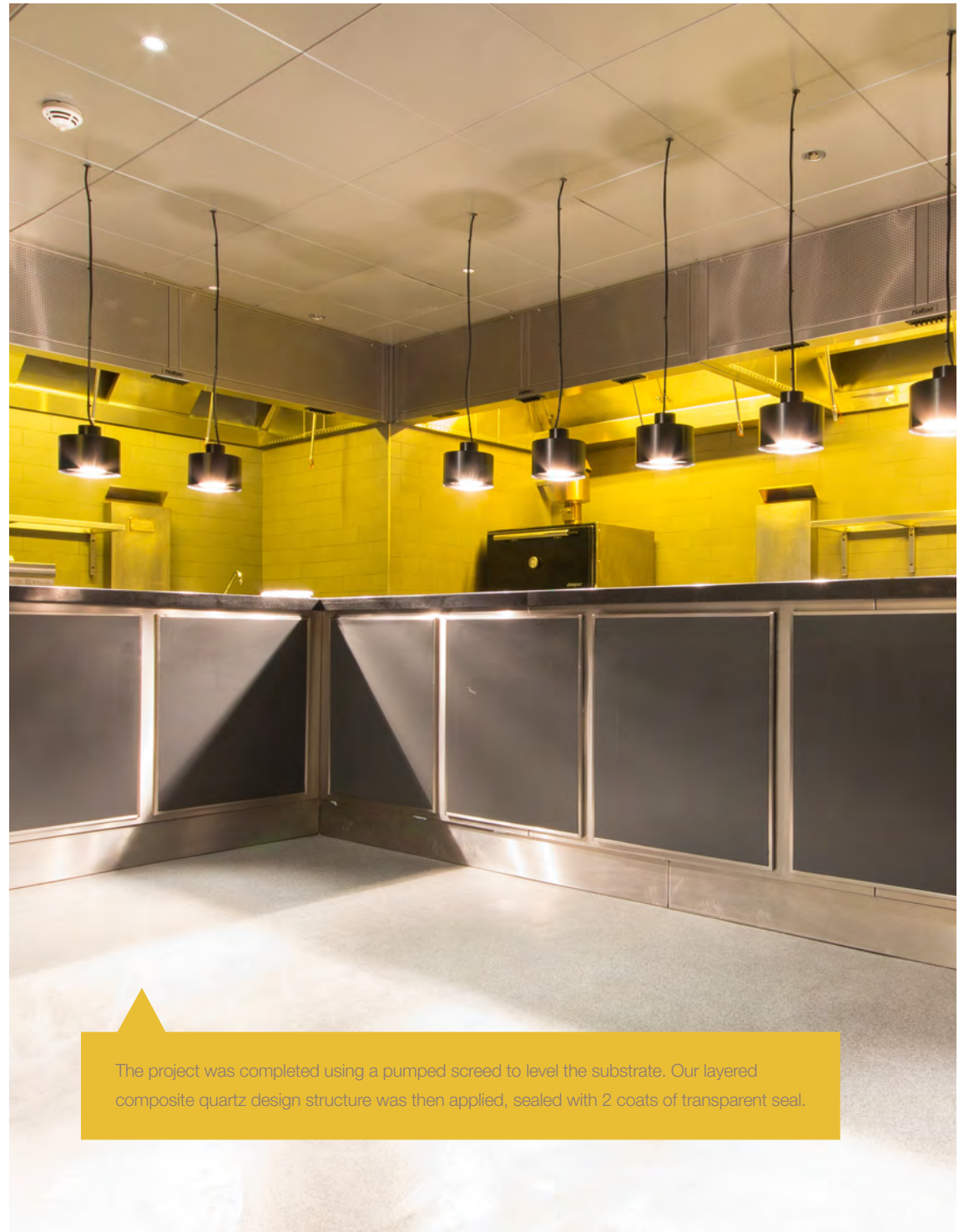
The London EDITION

The London EDITION preserves the finest aspects of an iconic landmark building, but reinvents the spaces within to create a dynamic fusion of old and new, past and present. The 60m² chefs' kitchen looks out into the main restaurant of the hotel where the discerning diners can see all the cooking action through glass doors.

A decorative and hard wearing floor suitable for this busy environment was constructed using our layered composite quartz design structure, providing an easy to maintain, hygienic, and attractive solution.

The project was completed using a pumped screed to level the substrate. Our layered composite quartz design structure was then applied, sealed with 2 coats of transparent seal.





The project was completed using a pumped screed to level the substrate. Our layered composite quartz design structure was then applied, sealed with 2 coats of transparent seal.

Key Advantages:

Protection

Apart from the host of benefits offered by our systems, if you have an unprotected concrete floor you could run the risk of expensive repair or replacement at a later date. A simple treatment with a seal will greatly extend the working life of the floor.

Increased protection comes from the use of our medium or heavy duty systems, which actually strengthen and protect the floor against such stresses as point loading and abrasion.



Strength

Although extremely tough, our systems can be designed to offer far greater compressive strength than concrete. This is achieved through our layered composite design structure that enables the floor to dissipate stress and increase the load bearing limit of the floor substrate underneath.



Safety

Adding graded aggregates to the resin mix provides a high degree of slip resistance in wet and greasy environments, offering a more durable and seamless option to other flooring types.

As mentioned earlier, resin flooring is the only system selected by the HSE (Health and Safety Executive) that can be designed to meet all of the critical performance criteria for working environments and still retain slip resistance.



Hygiene

All our flooring systems offer a seamless, impervious and easily cleaned floor surface that will not harbour bacteria. Inert properties mean that it does not taint and can be steam cleaned when laid at 9mm.

Both medium and heavy duty systems can be designed to incorporate coving between the floor and walls. This can be formed using similar material, avoiding seams that could otherwise create dirt traps.



Maintenance

Ease of cleaning and longevity of our seamless flooring systems can substantially reduce maintenance and life cycle costs. By implementing a regular and simple cleaning regime, the high quality finish of a seamless floor can be maintained for many years to come. We will always advise our customers on the most appropriate regime and cleaning materials to be used.



Design

Our systems are available in a wide range of colours including decorative quartz and flake systems. Different profiles, produced by using graded aggregates, are available to provide a high degree of slip resistance in wet and greasy environments. Using advanced synthetic resin material can now offer a more durable and attractive option to traditional flooring alternatives.



Bank Fashion

Offering all the latest designer brands for men and women, Bank Fashion is an up market clothing retail group. As part of a refurbishment project, the store owners wanted a new floor to provide longevity against heavy footfall and ease of cleaning to keep it looking good.

To make sure the finish was perfect for this retail environment the 400m² floor was ground and then primed, followed by a self-smoothing floor coating which produces a smooth, attractive and easily cleaned seamless floor.

Finally the floor was sealed to create the contemporary satin finish the customer had requested to compliment their fashion range.





BLONDE+BLONDE

Ribbon

Product knowledge:

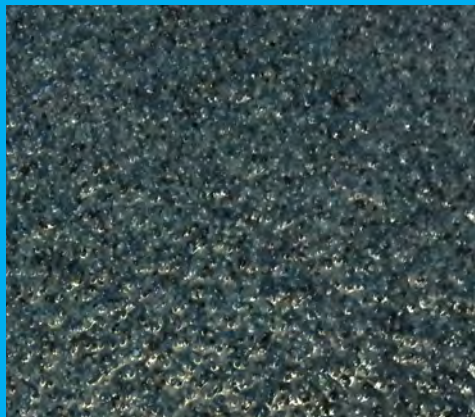
The best flooring systems for your needs.

Our flooring experts have up to date knowledge of the best products available on the market today. Depending on your circumstances, whether automotive, aerospace, manufacturing, distribution, food prep, commercial, retail, hospitality or office areas, we will assess and advise on the best seamless flooring system for your needs.

Synthetic & Decorative Resin

Offering an exceptional range of decorative options, with an extensive choice of colours, textures and patterns, resin flooring systems offer a combination of functional performance and aesthetic appeal.

Due to its exceptional versatility and performance, resin flooring will satisfy the most advanced requirements in a range of commercial, industrial and retail environments at often a fraction of the cost of alternative flooring methods.

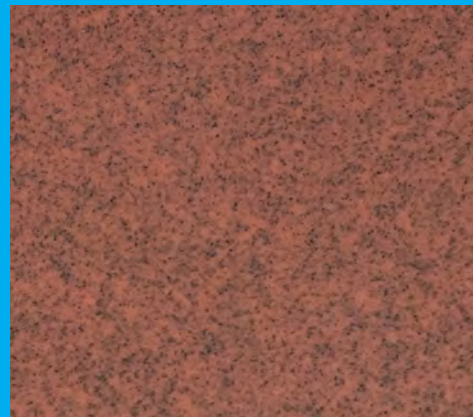


Comfort Resin

The latest synthetic resin products enable us to provide seamless flooring that utilise softer materials, enhancing underfoot comfort and improving acoustics by absorbing ambient sound.

Ideally suited for applications where hygiene is a prime consideration, as this system produces a fully seamless surface eliminating joins and potential bug traps.

The system has a softness more associated with cushion flooring and is highly resistant to scratching, reducing long term maintenance costs.



Terrazzo

Contemporary and elegant, this solution offers a myriad of colour options along with a heavy duty, seamless, hygienic surface.

Many different materials can be added to epoxy resin, including natural stone, marble, mother-of-pearl and recycled products such as crystalline clear, coloured and mirrored glass, providing a unique finish that is both innovative and stylish.

Durable and practical, Terrazzo offers a seamless alternative to tiled flooring and can easily be used to enhance continuity of design for steps, risers and skirting,



Customised design:

Make a statement.

Our advanced design systems can create a truly bespoke floor finish. Let your imagination run wild and our flooring team will help realise your vision by creating a floor that is truly bespoke to your requirements.

A unique floor can make a real statement and help to determine the atmosphere of a room or workplace. Zenith offer a wide range of possibilities, pushing the boundaries of what a floor can do.

With the full spectrum of colours available and the techniques to create a fully customised seamless flooring design, Zenith offer a truly unique service.

Design doesn't have to mean compromise on function. Our polyurethane based systems have a high level of elasticity producing a hard wearing, abrasion resistant floor with excellent sound insulation qualities.

Our customised design floors are perfectly suited for commercial use, as well as smaller more bespoke purposes by offering an exceptionally durable and low maintenance solution.



Floor preparation:

Preparing your floor.

Floor preparation is critical, as it is essential that the flooring system bonds with the substrate to perform effectively. A weak base will create a weak point in the system, so preparation should be rigorous and all contaminants removed.

With many years' experience preparing all types of floor and encountering virtually all types of problem, from different levels and weak substrate to water ingress, we have the expertise to ensure your floor is properly prepared and ready for installation, using a variety of preparation methods.

Shotblasting

Removes the surface of power floated concrete, removes paints/seals, prepares metal surfaces, cleans old concrete and provides a textured surface for materials. (Not suitable for soft or sticky materials.)

Grinding

Removes levelling compounds, adhesive residues, old coatings and asphalt, and a suitable disc can be selected capable of removing elastomeric coatings.

Planing or scabbling

Reduces levels, removes old levelling compounds and thermoplastic coatings.

Stripping

Removes old adhesive residues and floor coverings such as vinyl and carpets.

Cementitious levelling screeds.

Once the substrate has been prepared a cementitious self levelling screed may be required to create a level surface for the system to be applied to.

Cementitious levelling screeds are used to level poor substrates to achieve better results for the installation of your floor system.

Ranging in depths from 3mm up to 70mm, dependent on product choice and can be either hand or pump applied. Some products have quick drying properties to help reduce downtime and accelerate the fitting of the finished flooring system.

Zenith Pola Flooring are approved independent installers of all major UK suppliers of pumped cementitious self levelling screeds, and can assist in choosing the right solution for your project.

Envisage

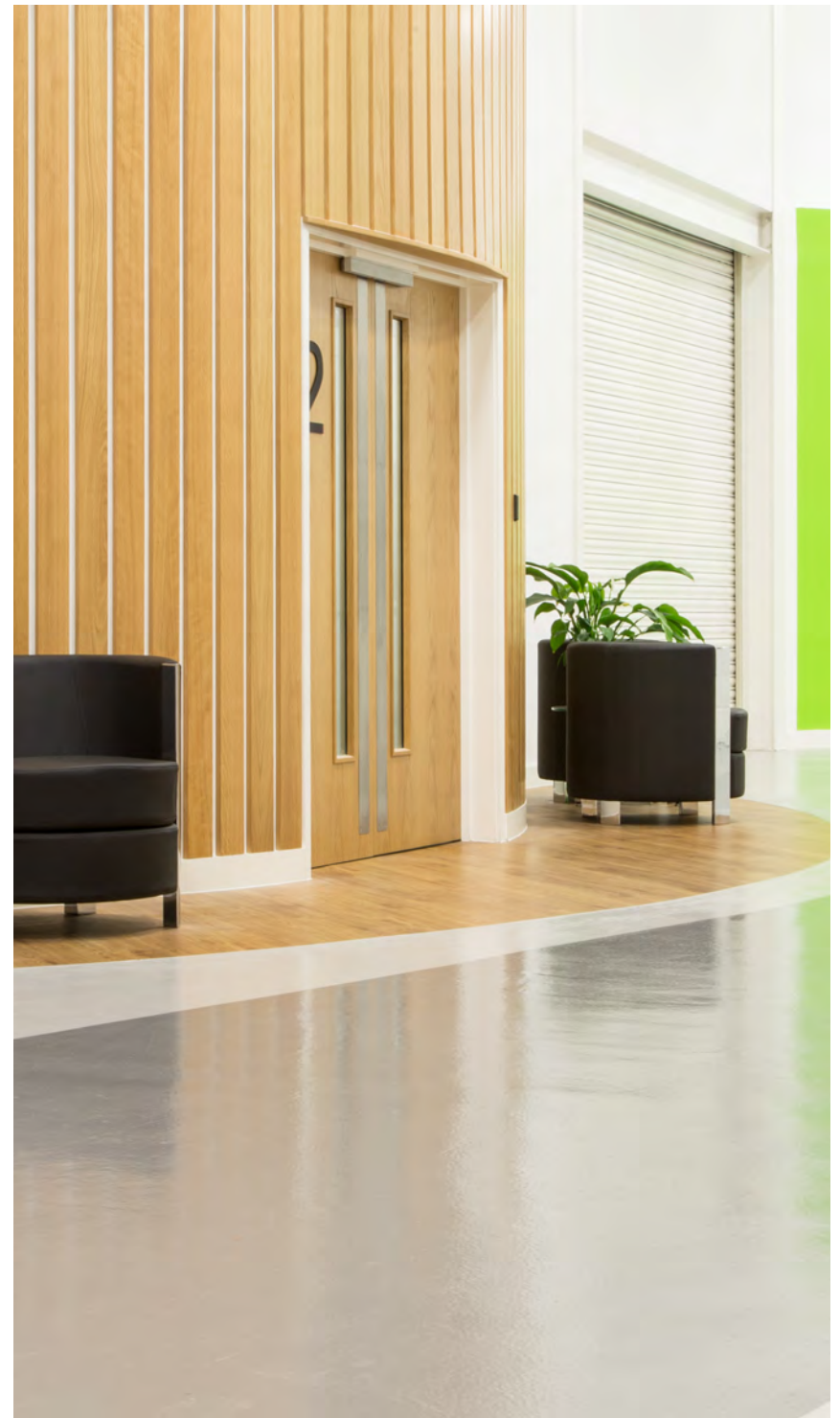
The Envisage Group is a leading design and engineering business providing inspirational commercial and bespoke product development.

The company wanted an equally inspirational floor for their facility where clients could view high-end prototype cars within a street scene. Zenith Pola Flooring, provided a new floor which included a contrast coloured 'roadway' within the design.

This 1,000m² refurbishment included concrete shotblasting, cementitious self-levelling pumped screed, surface priming and a high build epoxy resin coating.

The coloured high gloss finish is extremely hard wearing providing a tough, resilient, corrosion and abrasion resistant finish.





Contact Zenith:

Specifying and ordering your floor.

We understand that two floors are never the same and the need to work with multiple parties to achieve the best end result for everyone involved in the project.

Our experienced team of surveyors will provide a detailed appraisal of the existing site where the floor is to be installed and will advise of any potential issues that could be faced during the project. Specifications and options will be presented for discussion to help arrive at a solution to satisfy the projects needs.

We pride ourselves on consulting with our clients to arrive at a solution that is not only suitable, but also provides the very best end result on time and on budget.

To arrange your site survey, please call Zenith Pola Flooring Services on 024 7668 7167 or email your enquiry to info@zenithcontractservices.co.uk.

