



FloorTech®

At the forefront of flooring technology

Food Industry & Industrial Floor Finishes

TRAZCON®
SEAMLESS RESIN FLOORS



www.floortech.com

Introduction

FloorTech® - at the Forefront of Flooring Technology

Established over 20 years ago, **FloorTech®** is now the leading specialist manufacturer of Methyl Methacrylate (MMA) resin-based seamless floor finishes. Over the years **FloorTech®** has established its reputation as market leader through superior product development, product performance, professional service and controlled installation. **FloorTech®** strives to be innovative, dynamic and dedicated to providing quality products and services, meeting and exceeding customer's expectations. **FloorTech®** maintains its leadership position at the forefront of flooring technology by continually investing in research & development to increase performance, improve aesthetics and extend the time period to first maintenance.

At **FloorTech®** we believe in providing you with the most innovative and superior MMA flooring solutions on the market. We understand the resin flooring industry intimately and understand that each of our customers' needs are unique. Each project is designed and formulated to meet its specific requirements. At **FloorTech®** we operate a strict quality management system in accordance with ISO 9001:2008.

“**FloorTech®** unique range of **Trazcon®** floor finishes provide a flooring solution for all industries across all market sectors.”



Trazcon® - Décor System

The **Trazcon® Décor** system range has been developed specifically for the industrial flooring market and is used predominantly in the Food, Drinks, Hospitality and Automotive sectors.



Key properties of the **Trazcon® Décor** systems are:

- A range of profile floors, all certified to BS 7976-2:2002 which guarantees that you will receive the grade of anti-skid finish that you require. Using the German DIN standard, this would equate to grades from R9 to R13
- Certification of conformity to the requirements of BS EN 1186 (Materials and Articles in Contact with Foodstuffs, Plastics) which guarantees suitability for use in all food processing industries
- Durable construction capable of withstanding heavy mechanical stresses which makes it ideal for heavy industrial applications
- A closed-pore seamless finish ensuring the highest of hygiene standards.
- Resistant to a wide range of acids, alkalis, cleaning agents, drinks, oils and greases
- High abrasion and UV resistance
- Rapid installation and quick cure time (one hour) that has the benefit of speeding up project schedules for new builds or completion of refurbishment projects with minimal disruption and loss of production
- Can be installed at temperatures below 0°C
- Anti-skid finishes that do not compromise cleanability.

Safety

Trazcon® Décor system has a certified anti-skid rating in accordance with BS 7976:2-2002 ensuring that the safety of your customers & staff is paramount as the risk of trips, slips and other accidents are reduced.

- Will help the proprietor comply with his responsibilities under the Safety, Health and Welfare at Work Act 2005 to provide and maintain a premises that is safe and without risk to health.
- Contributes significantly to a reduction in litigation costs.

Trazcon® Décor system has been tested in accordance with and certified to conform to the requirements of BS EN 1186 Materials and Articles in Contact with Foodstuffs - Plastics.

- It is a 'Fit-for-Purpose' flooring solution for all food preparation areas.

Environmentally Friendly

Volatile Organic Compounds (VOC's) are organic chemical compounds that can affect the environment and human health. They contain ozone-depleting contaminants and their high toxin levels are carcinogenic and can cause allergies.

- All of our resins are tested in accordance with EU Directive 2004/42 (product category IIA/j type Lb) and contain less than 10% of the permitted VOC content.
- We also have a 100% VOC-free flooring range that has been tested and certified to the AgBB / DIBt - German restrictions for VOC emissions. These systems are ideal for dry areas of long-term occupancy.

Chemical Resistant

As with all **Trazcon®** systems our Décor system is resistant to a wide range of acids, alkalis, drinks, oils, greases and cleaning agents.

- Acids such as Citric Acid (Drinks industry), Lactic Acid (Dairy industry), Petrol & Diesel (Motor industry) and aggressive cleaning agents (Pharmaceutical industry) will simply wash clean and will not compromise the integrity of the floor.

Total Cost of Ownership

Total Cost of Ownership is an analysis designed to 'find the lifetime costs of acquiring, operating and changing something'. **FloorTech®** guarantees that its **Trazcon® Décor** system will provide the cheapest Total Cost of Ownership.

All **Trazcon®** systems are renewable and designed to last the lifetime of the structure.

- Future refurbishment and upgrading does not necessitate removal of the existing system.
- Trazcon® Décor** system has a high load bearing capacity and high impact resistance.
- Reduced repair costs.
- Trazcon® Décor** system is easy to clean.
- Reduced cleaning costs and minimal maintenance costs when operated in conjunction with a regular cleaning/maintenance programme.

Winner of 'Best Value for Money Product' at the SHOP awards 2010







Dairy Industry

Dairy floors must be resistant to Lactic Acid as well as aggressive cleaning agents that have high concentrations of Nitric Acid. In addition, specific areas of the facility are continuously wet and will require systems that have extremely low water-absorption properties to prevent inevitable discolouration and possible disintegration.

Trazcon® Décor system has been independently tested and verified as being fully resistant to both Lactic and Nitric Acid and a broad range of destructive media. **FloorTech®** has also developed a special top-coat resin that possesses ultra low water-absorption properties for use specifically in continuously wet areas.

Bakery Industry

While a bakery floor has the same demanding requirements as most other industries, it is exposed to all kinds of spillages which need to be addressed, in particular flour, oils and sugar - **Trazcon® Décor** closed-pore seamless finish does exactly this.

Its semi-elasticity and high abrasion resistance will significantly reduce the risk of cracks that, when contaminated with any of the above, will lead to the proliferation of fungus and bacteria.

All **Trazcon®** floor finishes have certified slip ratings in accordance with BS 7976-2:2002 and equate to grades from R9 - R13 using the German DIN standards. **FloorTech®** will advise which grade of anti-skid is best suited to the various production areas.

“Trazcon® floor finishes offer a variety of textured finishes, giving any desired grade of non slip/anti-skid properties to create a safe environment for your workforce.”



Meat Industry

The unique challenge posed by the Meat Industry is to provide durable, safe, anti-skid flooring in areas where high-viscosity contaminants are present such as fats and oils. As a general rule, a higher level of surface roughness is required to maintain a slip resistance with a more viscous contaminant.

The anti-skid properties and micro surface-roughness of **Trazcon® Décor** can be tailored to suit specific requirements. It offers excellent resistance to blood, fats, salts, lyes and aggressive cleaning agents making it the ideal solution for use in slaughterhouses, cutting and packing plants, boning halls, chill rooms, canteens, stairs etc.

Fish Industry

Floors that are continuously wet in the Fish Industry must possess high anti-skid properties, be hard-wearing, non-porous and resistant to attack from fish oils, brine, ammonia and offal.

Extensive testing of **Trazcon® Décor** has proven it to be fully resistant to all of the above and also to a wide range of aggressive cleaning detergents. The closed-pore seamless finish and high abrasion

resistant top coat with its low water-absorption properties will allow for ease of cleaning and will prevent the proliferation of fungus and bacteria.

All **Trazcon®** floor finishes have certified slip ratings in accordance with BS 7976-2:2002 and equate to grades from R9 - R13 using the German DIN standards.

Drinks Industry

Resistance to all Organic Acids and in particular Citric Acid is a fundamental flooring requirement of the Drinks Industry as well as safety, not only from the point of view of hygiene, but also to avoid the danger of injury to personnel working in wet areas.

Trazcon® Décor systems have proven resistance to a wide range of acids, alkalis and other aggressive substances including all organic acids. Our specifically developed top seal coat which has low water-absorption properties makes **Trazcon® Décor** the optimum solution for continuously wet areas. All **Trazcon®** floor finishes have certified slip ratings in accordance with BS 7976-2:2002

FloorTech® clients include; Pepsi Cola International and Heineken.

“**Trazcon® Décor** systems are ideal where the floor has to be capable of handling moderate to high stresses, abrasion resistant, durable and hard wearing.”



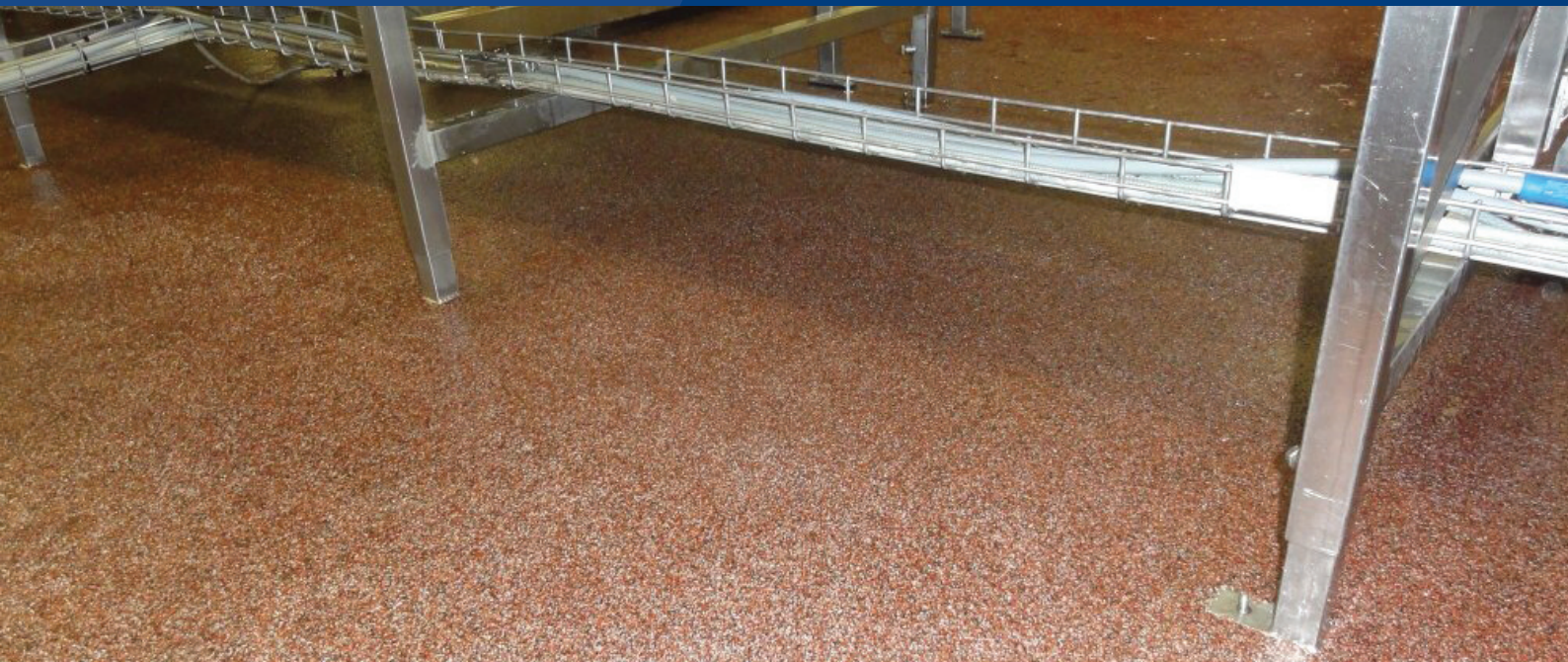




Commercial Kitchens

The requirement for Commercial Kitchens to be 'fit for purpose' is paramount as the health and welfare of the general public is dependant on adherence to current relevant legislation. **Trazcon**[®] systems are certified to EN1186 'Materials and Articles in Contact with Foodstuffs - Plastic', having been tested for migration behaviour as well as for the release of substances which might endanger health. Our certificate is your guarantee of suitability.

The durable, hard-wearing finish of a **Trazcon**[®] floor ensures that your kitchen will take the heat and come up shining. The rapid installation and cure time ensures that any repair or refurbishment work can be completed with minimum disruption and downtime.



Hospitality

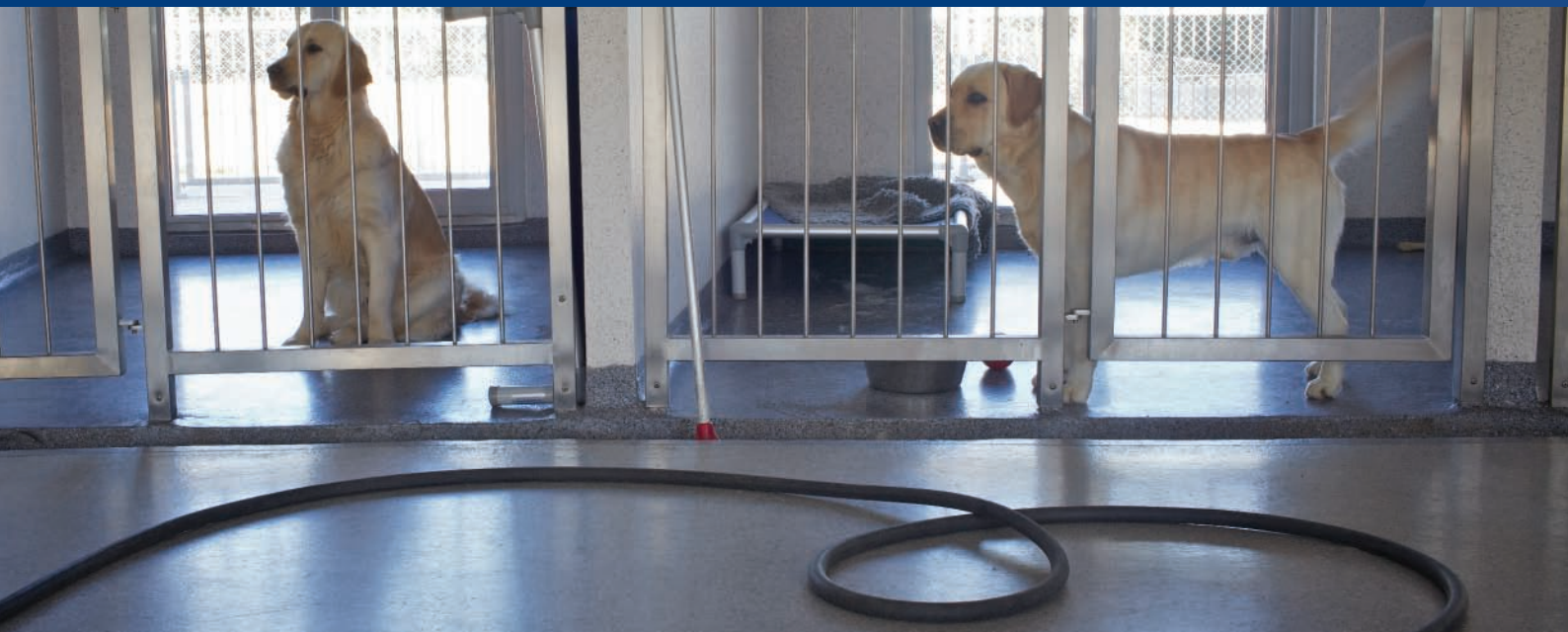
The challenges posed by the Hospitality Sector are varied. A service side of a bar counter requires good anti-skid properties, a keg room requires a system with good impact resistance and toilets require a system that is sanitary and hygienic, and not harbour bacteria or emit nasty odours. **Trazcon**[®] **Décor** systems offer all of the above.

All systems have BS 7976-2:2002 anti-skid certifications. Included in the **Trazcon**[®] range is a system developed for heavy industry that will withstand high impact. The seamless closed-pore finish of all systems ensures adherence to the highest hygiene standards when operated in conjunction with a suitable cleaning/maintenance programme.

Veterinary

Trazcon® systems are 100% resistant to blood, urine, wound antiseptics and other aggressive materials such as cleaning chemicals, thereby presenting the perfect solution for Veterinary clinics. The closed-pore seamless finish guarantees an ultra hygienic surface that will eliminate odours and cross-contamination. **Trazcon**® systems are also designed to withstand hot water washing with jets and steam cleaning which makes them ideal for all Veterinary environments; operating rooms, recovery rooms, kennels etc.

The smooth transition between the integrated **Trazcon**® Wall and Floor systems will provide you with an easily maintained seamless finish and the ultimate hygienic surface.



Pharmaceutical

The Pharmaceutical Industry maintains its mandatory hygiene standards through the use of aggressive cleaning agents most of which contain high concentrations of isopropyl alcohol.

Trazcon® systems have a proven resistance to isopropyl alcohol as well as resistance to a broad range of acids, alkalis and other aggressive products which prevents the degradation of the floor and wall finishes. From a clinically controlled clean room to busy production lines, our range of specialist floors will not only ensure you meet but exceed all Health and Safety requirements.

Flooring systems for these environments must withstand inherent chemical and abrasive conditions. Any accidental damage through impact or chemical attack can be repaired with ease and minimum disruption and downtime.



Firestations

Firestation floors require durability, functionality and the ability to withstand heavy loads. The floor must cater for fully equipped fire tenders that can weigh up to 40 tonnes and possess high impact resistance to cope with detrimental occurrences such as, metal hose fittings dropping onto the floor. **Trazcon**[®] systems will fulfil all of these requirements.

Trazcon[®] **Décor** system is ideal for use in muster stations, debriefing rooms, drying rooms, shower areas, breathing apparatus rooms etc. where safety and hygiene is of the utmost importance.

All **Trazcon**[®] floor finishes have certified slip ratings in accordance with BS 7976-2:2002 and equate to grades from R9 - R13 using the German DIN standards.

Automotive

In the Automotive Industry, petrol, diesel, grease and lubricating oils of various viscosities present the two-fold problem of significantly increasing the risk of slips when spillages occur and the deterioration of flooring systems that have little to no resistance to such liquids.

All **Trazcon**[®] **Décor** systems have independent certification of their anti-skid ratings in accordance with BS 7976-2:2002. Additionally, the system surface profile can be tailored to ensure that spillages of high-viscosity fluids do not present potential slip hazards. All **Trazcon**[®] systems have high resistance to automotive fuels and lubricants.

Trazcon[®] **RS** is ideal for car showrooms, offices, canteens etc. as its superb aesthetic features can increase light reflectivity by up to 30% thereby enhancing and improving the overall environment.



Benefits of Trazcon® Decor;

- Monolithic seamless closed-pore surface
- Rapid cure times, minimal downtime
- Certified slip resistance to BS 7976-2:2002
- Chemical resistant
- UV resistant
- Very high abrasion resistance
- Extremely durable & hard-wearing, capable of handling high mechanical stresses
- Hygienic
- Health and safety compliant
- Low maintenance & cleaning costs
- Reduced litigation costs
- Protective against dirt & spills

Installation Partners

Our international installation partners are stringently selected based on their professionalism, experience and dedication to quality. **FloorTech®** works with a limited number of partners who share the same philosophy and strive for best practice in the resin industry. All our installation partners receive full technical training and support. Having a number of partners enables us to combine our crews for the satisfactory completion of larger projects.

As all Partners operate to a strict quality management system in accordance with ISO 9001:2008 we can guarantee a consistency of quality across all projects.

Winner of 'Best Equipment Product' at IFEX in Belfast 2010





International Headquarters;
Island House, Island Corporate Park
Little Island, Cork, Ireland

Tel: +353 (0)21 4351560 Email: info@floortech.ie Web: www.floortech.com