



INDUSTRIAL FLOORING EXPERT



Industrial Epoxy & PU Flooring Solution

More Than 16 Million SFT *Floor Area Done in 16 Years*

100+ Expert Applicators *for Ensuring Best Quality Work*

20+ Expert Engineers *for Ensuring Best Technical Support*

<https://fountechbd.com>



POLYURETHANE (PU) *INDUSTRIAL FLOORING*

PU industrial flooring is a unique suite of products offering a wide range of surface profile and performance specifications. These systems have an exceptional resistance to aggressive chemicals, heavy impact and thermal shock. Thousands of satisfied local and multinational clients, in countries on all continents and in all industries over more than 30 years attest to PU flooring's ability to provide long term, problem free and therefore, cost effective flooring protection in the most difficult environments. Without doubt, PU is the flooring system of choice for discerning end users, specifier, suppliers and contractors worldwide. It is also called Resin flooring. We are providing this toughest flooring solution as a best contractor and pioneer in Bangladesh since 2006.

History: The first major installation of PU flooring into the food and beverage industry. One into Coca Cola and another into Nestle Confectionary. Both are done in the early of 1970. Also the floor of Renata Pharma, Unilever Bangladesh (Knorr Soup), Nestle Bangladesh (Maggi Noodles), Square Pharmaceuticals are done in the early of 2010 in Bangladesh. Yes these requirements of the major factory of food, textile and pharma manufacturer, the floors are still usable.

PU INDUSTRIAL FLOORING offer various benefits



1 | Hygienic and Safe Surface Finish

Food safety has become a major concern among consumers, food serving & catering, healthcare agencies, airports, schools and other sectors. The consequences for not meeting these requirements are serious including meeting the very real threats posed by a potential foodborne illness. PU industrial flooring are non-biodegradable and will not support bacterial or fungal growth. It provides a hygienic and safe environment in the factory operation. PU industrial flooring contains reactive antimicrobial additives that can eliminate up to 99.9% of the bacteria and microbial and is used throughout the food and beverage and even in pharmaceutical industry in any environment where the highest standard of hygiene is required.

2 | Slip Resistance

In wet process areas the appropriate surface profile is essential to provide a safe and efficient working environment. Minimizing of slips, trips and falls requires a holistic approach. Engineering solutions or the change of work practices and procedures may be required, as well as looking at the effect of cleaning and footwear. PU industrial floorings offer a range of surface profiles from smooth to highly slip-resistant: various surface finishes which provide options to meet different working environments in the industries.



3 Thermal Shock Resistance

It is known that in extreme thermal shock environments a well designed flooring system in high quality is required; especially in situations subject to continuous thermal treatment. PU heavy duty industrial flooring could withstand temperatures up to 120°C or higher depending on application thickness. The specialised filler composition of PU industrial floors enables them to withstand high temperatures and extreme thermal shock conditions including routine and regular discharges of boiling water and steam cleaning. PU can offer wide range of service temperatures and has high thermal resistance to cyclic freeze, thaw and high temperature cleaning regime.

4 Chemical Resistance

PU industrial floorings have excellent resistance to a wide range of chemicals including many organic acids and solvents that will rapidly degrade other types of resin flooring. PU industrial floorings are designed to resist the commonly encountered food chemicals such as Acetic acid, Lactic acid, Oleic acid of vegetable and animal fats widely occurred in the food industry.

5 Non Tainting

PU industrial floorings are solvent free and have very low VOC which would not taint in the production.

6 Cleaning & Maintenance

PU provides a non-staining finish and easy to clean surface. PU requires low maintenance regime and offer cost saving to the user in the long run.

POLYURETHANE (PU) *INDUSTRIAL FLOORING*



Extremely resistant PU-Concrete Flooring systems which can tolerate (almost) anything

In places which supply appetising, fresh and controlled germ-free products, the floor must be able to withstand heavy contamination, constant exposure to water and aggressive substances such as blood or urine. Wild variations in temperature from deep freeze conditions to steam cleaning are the order of the day. Only a few floor systems can cope with such conditions. The PU industrial floor systems belong to this group.

The performance of our PU based mortar systems have been put through their paces and are meticulously applied by expert experienced applicators.

SYSTEM BENEFITS

- Hygienic, impervious to water even under permanently wet conditions
- Does not transfer smell of taste
- Extremely high thermal resistance
- Very hard wearing, high impact strength, durable
- Excellent chemical resistance
- Silk/mat finish, smooth to slip resistant surface
- Reduces dust and pore free
- Easy to clean
- Short cure time, ideal for renovation
- Resistant to rising damp
- Available in a range of colors

SYSTEM INFORMATION

PU screed systems have been developed and manufactured according and recognizing our customer's flooring requirements. PU industrial floorings offer additional benefits by incorporating reactive antimicrobial technology which eliminates the replication of microbial up to 99.9%.

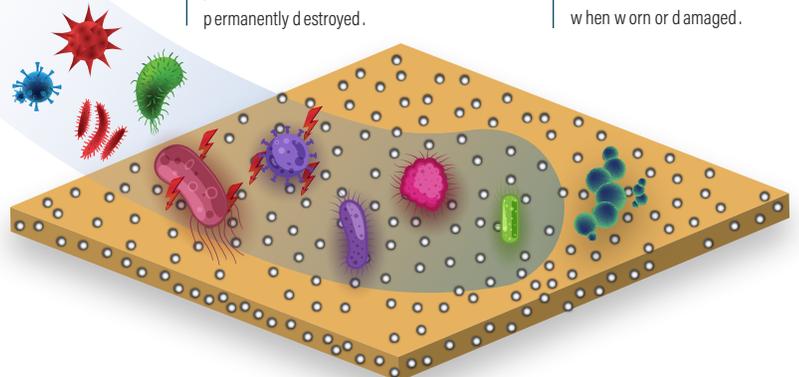
PU's reactive antimicrobial behavior:

Surface of the floor is attacked permanently by ion positive and ion negative bacteria or viruses!

Up to 99.9% of all surface yeasts, moulds or bacteria are permanently destroyed.

The technology remains active for the lifetime of the floor, even when worn or damaged.

PU systems release a constant stream of ions that attack bacteria on first contact.



SECTORS

Hospitals

Kitchen

Warehouse

Engineering

Chemicals

Hotel

Pharmaceuticals

Garments

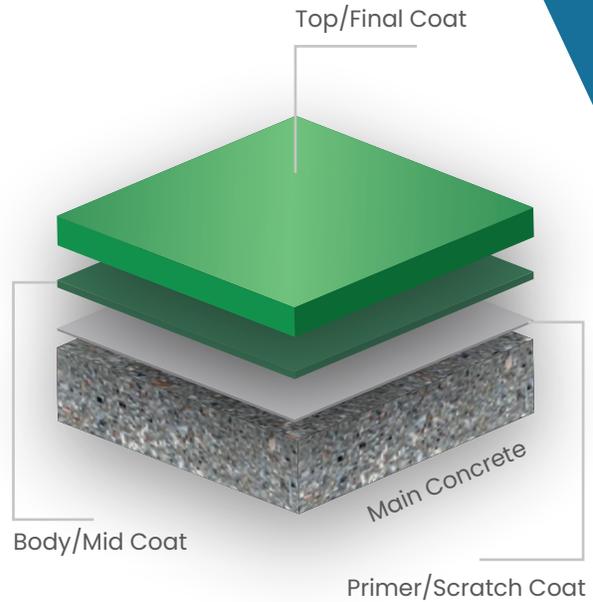
Textiles

Cafeteria

Spinning

& Manywhere

FLOOR COATING *LAYER SYSTEM*



POLISHED *CONCRETE*

Polished Concrete in Bangladesh seems to be a concrete grinding and also sealing system, with the help of grinding or polishing machine. In this process, a densifier chemical is used as a hardener. This hardener penetrates into the concrete to create a chemical reaction that create hard concrete. We are providing Polish Concrete materials, tools and application service with best price in Bangladesh. Polished concrete typically used in commercial and residential projects, as it's long-lasting and also durable under heavy foot traffic.



SYSTEM BENEFITS

- Seamless surface
- Abrasion resistant
- Chemical resistant
- Qualifies for LEED projects

SELF LEVELING EPOXY (SLE) *FLOORING*



In a commercial or any light traffic area SLE Flooring can serve you the glossy appearance

We deal industrial Epoxy Flooring Systems. We are unique and unparalleled in Bangladesh. We are enjoying an established reputation for excellence in the industrial flooring market. For last 16 years, we are providing Industrial Epoxy Flooring Solution in Bangladesh. We use world famous Epoxy and Polyurethane resin company's (U.S.A, U.K, Malaysia & Germany) Products. Our Engineers, skill Applicators and Technicians are well experienced and trained from U.S.A, Spain, Singapore, India, Malaysia and Bangladesh, in all aspects of the resin flooring systems.

If you think your next or previous projects floor will be Hygienic, Anti-Fungal, Anti-Bacterial, Anti Corrosive, Dust Free, Solvent Free, High Chemical Resistant, Hard Wearing Aesthetically, High Glossy, Seamless, Joint less, Easy to Clean and Economical please contact to our sales and marketing team, they will be happy to meet your enquiry. Very competitive price, quality products and services are our Motto.

SYSTEM BENEFITS

- Durable and Glossy
- Reduces Damage To Machinery
- Attractive Floor Surface
- Safe Working Environment
- Fast Application
- Easy To Clean
- Environmentally Friendly
- Cost Effective
- Hard Wearing, Long Lasting
- Chemical Resistance
- Impermeable, Seamless

SYSTEM INFORMATION

Self leveling Epoxy flooring systems have been developed and manufactured according and recognizing our customer's flooring requirements. Epoxy flooring offer additional benefits by incorporating reactive antimicrobial technology which eliminates the replication of microbial up to 99.9%.



SECTORS

Hospitals

Schools

Offices

Dry areas

Laboratories

Hotels

Pharmaceuticals

Exhibition

Restaurants

Cafeteria

Operation theater

& Medium duty industries



Generally concrete is damaged due to carriage or movement of vehicle in the parking area or garage. Due to the extra pressure or wheel load of the car, spill of oil, mobil, grease etc. are the causes of permanently damaged of concrete. Moreover, it cannot be easily cleaned. We are moving forward in keeping with the current world towards modern globalization. Increasingly, our luxury is growing. Considering everything, Fountech is offering Epoxy/PU Car Parking Garage Flooring Solution in Bangladesh which keep your floor or basement safe by keeping your concrete as well as tolerating extra load. It can be cleaned easily, do not accumulate water. Above all, you get full protection of your concrete.

Fountech providing Car Park flooring solution in Bangladesh. Which Keep your floor or basement safe by keeping your concrete and tolerating extra load.

1 | Stop Tyres Squealing & Reduces Noise

Our coatings can be adapted to prevent the noise made by tyres, often referred to as 'tyre squeal'. A trafficable car park coating can greatly improve the traction between tyres and the floor surface, and as a result these unpleasant noises are minimised.

2 | Anti-Slip Finish

Our car park coatings can be tailored to suit any specific slip resistance requirements. With the inclusion of Aluminium Oxide grit during the coating process we can alter the slip resistant properties of the finished floor. Traction can be improved, and a slip rating between a P0 and P5 can be achieved to provide a safe environment.

3 | Chemical Resistance & Improved Cleanability

The coatings used are resistant to most chemicals, including petrol, diesel, oils, and other automotive fluids. The coatings offer a sealed and impervious surface so cleanability is greatly improved and staining is minimised.

4 | Abrasion Resistance

A high strength and durable floor coating will protect the car park surface, offering a long-term and abrasion resistant car park flooring solution.

SPORTS *FLOORING*



Different sports (Basketball, running, dance, fitness, tennis, badminton etc.) need different sports floors. Fountech deals a full range of sports flooring systems. Our flooring systems are appropriate for all circumstances and could be installed both outdoors and indoors. Our polyurethane sports floorings are well-known for their guaranteed top quality for each types of sports in all possible climates across the world.

SYSTEM BENEFITS

- Easy maintenance
- Multi-Purpose Use
- Better impact absorption
- Better for the environment
- Reduced chances of accidents
- Better durability and resilience
- Best-in-class for different types of sports
- More cost-effective compared

3D METALLIC EPOXY *FLOORING*

3D Epoxy flooring is not just a picture, its a large-scale art object, which fundamentally changes the idea of what might look like flooring. This surface & the other a whole image with scenaries. Strong & durable coating on which man walks in the surface can be a beautiful, creative and unique with the help of 3D epoxy flooring system. Fountech systems with truly unlimited color, texture, design and patterns option, provide the ideal choice for high traffic interior, exterior application where exclusive, durable and esthetics flooring is required.



SYSTEM BENEFITS

- Cost-effective
- A beautiful aesthetic
- Durable and long-wearing
- Easy to clean and maintain



1 | Bituminous Membrane Waterproofing

Bituminous Waterproofing is used to save the residential, commercial and industry from the water. Bituminous is a combination of organic material. It's sticky, liquid, adhesive & water-proof.

A bituminous waterproofing membrane is used for concrete roof, share wall, basement, terrace where waterproofing is essential. This waterproofing membrane comes on site in the form of rolls manufactures and also packed in the factory properly sealed.

2 | Cementitious Waterproofing

Cementitious products are possibly the simplest waterproofing materials to use. This is readily available and easy to mix and apply. Also, you can add acrylic additive to mix in with the cement product. You'll get better bonding and a more solid, durable coating.

3 | Polyurethane (PU) Base Waterproofing

Concrete could be permanently damaged in case you can not do waterproofing properly. PU base waterproofing is a single component, cold-applied membrane that is fully flexible, made of water-based PU resin, without any acrylic additives.

4 | Acrylic Waterproofing

Acrylic roof coating waterproofing is an unparalleled waterproofing coating system of any kind terraces and roofs without breaking the existing concrete surface, concrete screed, etc. At the present time, acrylic roof waterproofing is very much essential to preserve the roof concrete as dry.

Fountech is providing you the solution about the roof garden, this system apply is recommended specially. This system is applicable for home, office and industrial roof and terrace areas.

FLOOR *HARDENER*



For over Sixteen years Fountech has been identical with all kinds of exact Floor Hardener in Bangladesh. We're providing ingredients and application of Floor Hardener goods with best price in Bangladesh. We complete thousands of floor projects in all over the country. Last few years, we're also the representatives, contractor, distributor, supplier and approved applicators of so many famous floor hardener Manufacturer brands.

SYSTEM BENEFITS

- Dust proof
- Easy cleaning
- Impact resistance
- Good wear resistance rating
- Cost effective surface hardener
- Increased resistance to oils and grease
- Suppressed superficial fibers in concrete

SUPER FLAT *FLOORING*

Super Flat is a generic term given to a high tolerance floor for VNA (Very Narrow Aisle) applications. Fountech providing the best super flat flooring solutions in Bangladesh. A defined traffic path occurs when material handling equipment moves up and down the floor in precisely the same wheel position each time. From the perspective of our quality we are amazing level floor contractor company. Undoubtedly, in flooring business we are the best level floor contractor in Bangladesh.



SYSTEM BENEFITS

- An increase in Pallet Throughout and Warehouse efficiency
- An increase in Health & Safety and morale of Warehouse Operatives
- A reduction in maintenance costs for the MHE
- A reduction in maintenance costs for the floor

CONCRETE *ADMIXTURE*



Admixtures are natural or manufactured chemicals which are added to the concrete before or during mixing. Ducon manufacturing a lots of variety concrete admixtures in Bangladesh for specific need or requirements. The most often used admixtures are air-entraining agents, water-reducing, retarders and accelerators. Successful use of admixtures depends on the use of appropriate methods of batching and concreting. The effectiveness of a water proofing admixture in Bangladesh depends on several aspects including: type & quantity of cement, water content, mixing time, slump, and temperatures of the concrete & air. Occasionally, effects similar to those achieved through the addition of admixtures could be gained by altering the concrete mixture reducing the water cement ratio, adding additional cement, using a various sort of cement, or modifying the aggregate and aggregate gradation.

SYSTEM ADDITIONALS

- Water Reducing
- Water Proofing
- Retarding
- Accelerating
- Air Entraining
- Superplasticising



SWIMMING *POOL*

Fountech is one stop solutions for construction indoor outdoor different types of swimming pool and water fountain and its electro mechanical parts and accessories, maintenance chemicals supplier and contractor company in Bangladesh. We have been working sine 2006 in with huge prestigious projects in Bangladesh. We are working with world leading swimming pool accessories manufacturer from Spain and USA.

MORE SERVICES

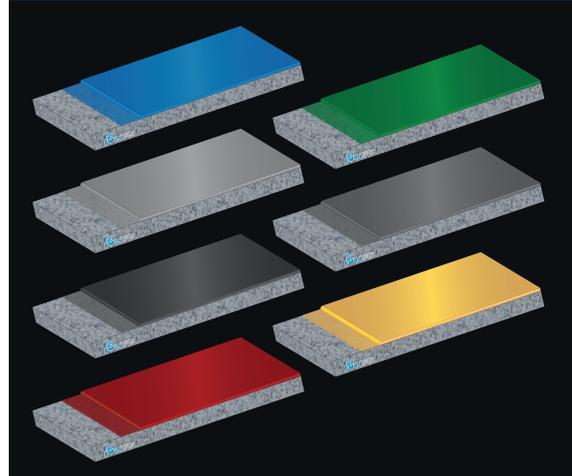
- Swimming Pool
- Water Features
- Fountain
- Jacuzzi
- Hot Tubs
- Steam & Sauna
- SPA



FEW PRESTIGIOUS CLIENTS



Research and development



Technical and application support



Application



Tried and tested system



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