



Building solutions, building future.

A Marsh Group Company

PSS

Company presentation



A Mazrui Group Company

MAZRUI



Who we are

Part of the **Mazrui Group**, with a turnover in excess of 1 Billion USD, PSS is the meeting point of technical professionals and application teams of proven experience and reputation in the field of flooring and waterproofing solutions. Our professionals have participated in the design and implementation work of many important flooring and waterproofing projects executed in recent years in GCC and Europe, taking part in forums and national and international associations, maintaining permanent contact with the main centres of technological development of flooring and waterproofing products.

PSS offers a wide range of services based on systems and next-generation products, and we are fully committed to the research and improvement of our procedures. Also engaged in a sustainable future, we are committed to environmentally friendly systems complying with GCC and European environmental regulations.

We offer to our clients a service based on quality, provided with integrity and based on our outstanding professional experience. Our strategic bet is innovation, the implementation of systems of quality and constant research into new fields. Our vocation is to be an effective collaborator from the initial phase of the project to the final installation of products and systems. We want to be your specialist in flooring, waterproofing and special applications, participating as assistants in the diagnosis and design.



Techno
Waterproofing

Techno
Industrial
Flooring

Deco
Decorative
flooring &
coatings

What we do

Design assistance

We advise our clients on the development of their flooring and waterproofing projects, or any other special requirement to be carried out on site. At the same time we offer custom solutions for the needs of the client to meet their technical and budget requirements.

Training of prescribers

At the request of our customers, we organize courses for prescribers about flooring and waterproofing solutions, as well as on ad hoc specific requests by the clients.

Tailor-made solutions

Our specifications service allows you to design specific solutions for both new construction projects and renovations or repairs. We take care of specific design as well as implementation and adaptation of solutions to special works.

Integral execution

All flooring and waterproofing works that PSS performs are 100% carried out by our own experienced personnel, coordinated and directed by a technical team that monitors and controls the quality and effectiveness of the execution.

Our portfolio



Industrial
Flooring

 PDF Brochure
available
on request



Waterproofing

 PDF Brochure
available
on request



Decorative
flooring
& coatings

 PDF Brochure
available
on request



PSS Shotblast

Shot-Blasting-Coating Removal & Surface Texturing

Enclosed shot blasting utilizes abrasive shot, propelled at the sub-floor, dislodging the surface and carrying the surface contamination back to the recycling chamber. Shot blasting is a useful method for the removal of existing coatings and leaves an open textured surface.

PSS Planning

Concrete Planing & Milling - Level Reduction & Texturing

This method utilizes steel Tungsten Carbide Tipped flails set onto a rotating drum. The flails cut groves into the concrete or asphalt on impact leaving a highly textured surface. This method is also ideal when a specific surface profile is required i.e to provide traction for cars on parking ramps.

In situation where a significant thickness of concrete needs to be removed (up-to 50mm) due to incorrect floor levels, PSS have available heavy duty ride on planers for large outputs of up to 50 m² per hour.

PSS Diamond

Diamond Grinding - Fine Preparation & Fair Faced Finish

PSS employ techniques using different graded diamond plates, on large planetary driven grinding equipment to grind sub-floors in preparation for the chosen system. This method of preparation is non destructive, leaving a smooth open surface. Three and four headed machines are used where aggressive preparation is required over large areas.

Diamond grinding is also used for removal of thin pre-existing coatings, removal of surface contamination, re-profiling of sub-floors for correction of level and smoothness deficiencies. Diamond plates of varying coarseness are utilized to fine tune the level of finish required. Full dust control is provided by vacuum extraction attached to the grinders.

Areas of application

	PSS SHOTBLASTING	PSS PLANNING	PSS DIAMOND
Removal of existing coats	●	●	●
Texturize	●	●	
Surface profile		●	●
Surface planning		●	
Removal of surface contamination		●	●
Removal of saturation contamination		●	
Level correction			●
Smoothness deficiencies correction			●



PDF Brochure
available
on request

Industrial
Flooring
Surface preparation



PSS Technocoat

The Technocoat system is based on technical coatings of low thickness (up to 500 microns) on epoxy, polyurethane and MMA bases, guaranteeing in all its versions high chemical and abrasion resistances. Preferred is capable of executing the end to end project from surface preparation to the final coating, guaranteeing an excellent adhesion to all the supports, even in humid conditions. Technocoat is available in conductive, antimicrobial and anti-slip versions and can be applied indoor and outdoor.

PSS Technofloor

The Technofloor system is based on polymeric self-leveling mortars of medium and high thickness (up to 5 mm) on epoxy, epoxy-cement, polyurethane and polyurethane-cement bases, guaranteeing in all its versions high chemical and abrasion resistances. Technocoat is available in conductive, high temperature resistance, antimicrobial and anti-slip versions and can be applied indoor and outdoor.

PSS Megafloor

Megafloor is a polished concrete system ideal as an industrial floor. Compared with traditional methods for concrete floors, Megafloor offers unbeatable durability. The processed construction concrete has an unlimited lifespan, i.e. the same lifespan of the building. The initial investment is the same, or lower, than for traditional flooring solutions, but the low maintenance cost and the longer life make Megafloor the most lucrative investment option for a floor. The life cycle cost is about 60% less than for any other traditional flooring solutions.

The resistance tests conducted both on floor joints and on concrete slabs on the ground show that Megafloor complies with the SS-EN 61340-5-1 standard for industrial floors in the electronics industry.

Areas of application

	PSS TECHNOCOATE / EA	PSS TECHNOCOATP / PA	PSS TECHNOCOATEZ	PSS TECHNOCOATEFG	PSS TECHNOCOATMME	PSS TECHNOFLOOR MP	PSS TECHNOFLOOR E	PSS TECHNOFLOOR EML	PSS TECHNOFLOOR P	PSS MEGAFLOOR
Parkings	●	●		●	●	●	●	●	●	●
Storage areas Loading Docks	●	●		●	●	●	●	●	●	●
Meat Packing Dairy Facilities Packaging Plants				●	●	●	●			●
Coolers				●						
Hangers Metro stations Naval Stations Prisons	●	●			●	●	●	●	●	●
Hospital operating rooms Kitchens Labs				●	●		●			
Chemical Storage Areas Chemical Linings			●		●					●
Classrooms Cafeterias Hallways Locker Rooms	●	●		●	●	●	●	●	●	●
INDOOR USE	●	●	●	●	●	●	●	●	●	●
OUTDOOR USE		●			●	●			●	●



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Industrial Flooring
Industrial coatings and flooring systems



PSS Watex

PSS Watex is an integral system of waterproofing and protection of concrete structures based on the use of special mortars of capillary crystallization. The special characteristics of such products, coupled with the experience of our team makes PSS Watex system in an extremely effective solution in the waterproofing and protection of structures under water table (foundations, car parks, basements, etc).

The PSS Watex products penetrates deeply and seals concrete's capillary tracts and shrinkage cracks, becoming an integral part of the concrete. The system can be applied from either the positive or negative side and waterproofing and chemical resistance properties remain intact even if the surface is damaged.

The PSS Watex system has available also a specific range of products approved for use in contact with potable water and in sewers and sewage treatment plants, specifically designed to cope with the additional stresses caused by continuously changing degree of contamination, environmental effects, fluctuating liquid level and formation of aggressive microclimates in sealed holding tanks.

PSS Aquactive

The PSS Aquactive is a system based on hydrophobic polyurethane injection grouts which cures to a durable, closed cell polyurethane foam which is resistant to most organic solvents, mild acids, alkali, petroleum and micro-organisms. PSS Aquactive is designed to fill joints and cracks in concrete, as well as large voids in gravel layers and rock fissures. Due to its quick cure time it can also be used to stop active water leaks.

Polyurethane resins are available with substantial variation in their physical properties. Some of the polyurethanes cure into flexible foams, other polyurethane systems cure to semiflexible, high density solids that can be used to rebond concrete cracks subject to movement.

Structures built on sub grade material that have been subjected to movement by ground settlement, especially those structures constructed on unstable fine media, pose an engineering challenge for their stabilisation. Most materials traditionally used for ground stabilisation have a molecular structure which restricts their penetration into fine media. The PSS Aquactive system has a special range of resins with a water like viscosity, that is able to penetrate into voids between fine grains with a tailor made set time. The products compressive strength fulfills most geotechnical engineering requirements.



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Waterproofing
Concrete
waterproofing



PSS Elastop

PSS Elastop is the technologically advanced, premium liquid polyurethane waterproofing system that offers guaranteed long lasting results. It can be used as a new flat roof coating, but also for repair or renewal. It can also be applied to any sort of roof.

The PSS Elastop system consists of different products, dependant on the roofs characteristics. When applied, it forms seamless membrane without joints, resistant to water, heat and frost and to root penetration. It is water vapor permeable and provides excellent thermal, weather and UV resistance. It also provides high sun reflectivity, contributing to thermoinsulation. It can be used for pedestrian and vehicular traffic and remains flexible over a temperature span of -40oC to +90oC.

PSS Decoflex

Waterproofing, crucial for the life of the building, don't need to look boring! Professional, long lasting waterproofing can be done in such a way that the waterproofed surface is decorative, contributing to the value of the properties.

Exposed areas like roofs, balconies, terraces, walkways, loggias, the roofs of underground car parks used as plazas and outdoor seating areas can be decorated with the PSS Decoflex system. The finishing color, pattern and texture can be chosen from a palette of colors, meeting every landlord, tenant or architects decorative demand.



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Waterproofing Roofing



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Decorative flooring & coatings



TOPCRET

Microcement decorative flooring and coating.



KONCRET-E

Decorative polished concrete.



CrystalInlay •

Glass gravel decorative flooring and coating.



T Fashion

Continuous terrazzo flooring.

Our projects



Our clients





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