



INTRODUCTION TO ROBEX



www.robex.co.za



WHO WE ARE

Robex is a company that specialises in the supply and application of multi-functional flooring and waterproof coating systems specially formulated to protect heavy duty concrete floors, as well as to provide sustainable and effective waterproofing to a variety of substrates such as roofs, car parks and balconies.

As the licensed provider of a number of high-quality, international brands, we are able to deliver cost-effective solutions to a wide range of maintenance problems while providing distinct advantages for our customers.

For over 25 years, Robex has proudly served the key market segments of the industrial and commercial sectors throughout South Africa, including some of the top Blue Chip companies. We have also established a global footprint, supplying into international markets, as part of our goal for continued growth and expansion.



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OUR CLIENTS:



OUR HISTORY

Robex was established in 1991 by John Moore in order to fill a gap in the market for complete industrial maintenance and waterproofing solutions that combine the latest in innovative technology with technical expertise and a commitment to service delivery excellence.

Today, Robex offers a comprehensive range of quality protective coatings to all facets of the South African economy, including the mining, commercial, industrial and leisure sectors, which is backed by its own in-house application team and supported by the best customer service standards in the business.

EUROPEAN LICENSING

Robex has been named the South African licensee for leading European and American companies that specialise in developing innovative waterproofing, floor protection, safety, and corrosion technology.

OUR SERVICES

Manufacturing, Supply and Apply

Robex prides itself on providing a unique and sought-after service approach that allows our clients to benefit from the convenience of a single point of contact for all their floor maintenance and waterproofing needs.

Our experience and expertise in developing flooring systems means that we have the capability and support structure in place to provide the most appropriate products for each project we work on.

Our turnkey services include site surveys, inspections, product recommendations, application, and comprehensive technical support. We can also manufacture custom products to suit your specific application requirements.

VISION, MISSION AND VALUES

Vision: Robex strives to become a globally recognised specialist in high-quality resins and coatings with a specific focus on:

- Educating the market on resins and coatings as well as changing perceptions to promote the acceptance of innovative solutions
- Becoming the preferred supplier of quality products in Africa
- Dominating the supply and application of floor maintenance solutions in the aquarium, zoo and leisure industries internationally
- Offering the most specified waterproofing system in South Africa

VISION, MISSION AND VALUES

Mission: To solve complex maintenance and repair problems by supplying and applying the highest quality, cutting-edge resin systems and coating solutions led by a dedicated team of professionals who consistently strive towards the highest measure of customer satisfaction.

Values:

- Integrity
- Honesty
- Innovation
- Accountability
- Loyalty

APPLICATION OVERVIEW

Benefits of Robex MMAs

Methyl Methacrylates (MMAs) based products offer significant advantages over traditional flooring systems. The addition of this compound makes our products extremely durable for multiple applications. Not only do they resist a wide range of chemicals, but they are also waterproof and impact resistant, making them ideally suited to high traffic areas.

APPLICATION OVERVIEW

Flooring

When considering the design of commercial and industrial buildings, one of the most important considerations is the selection of a durable flooring system as one of the areas that is subjected to the most wear over time.

Robex offers complete floor protection and maintenance solutions that are in line with international trends. Our MMA based flooring systems, polyurethane coatings, and epoxy products have been tried-and-tested in the international and South African market, and offer outstanding long-term benefits.

APPLICATION OVERVIEW

Industrial Flooring

Robex's range of resins and coatings are designed to offer optimum safety and efficiency for a variety of substrates in industrial buildings and working environments, including non-slip flooring systems and line marking products.



APPLICATION OVERVIEW

Food Industry Flooring

Robex provides an anti-bacterial polyurethane flooring solutions for use in the majority of environments within the food manufacturing industry where hygiene is of the utmost importance. These products are formulated to continuously satisfy the highest health and safety standards, and promote decontamination through easy-to-clean flooring technology. Some of our products include an anti-bacterial compound that entirely eliminates the risk of bacterial infection.



APPLICATION OVERVIEW

Damp & Waterproofing

Waterproofing

Robex's range of water-repellent coating solutions have been engineered to provide high performance protection for multiple applications, including balconies, roofs, gutters and channels, to prevent water ingress and reduce the risk of ground contamination.



APPLICATION OVERVIEW

Waterproofing - Parking Lots & Balconies

Robex's range of waterproof coatings solve the unique challenges of rooftop parking areas which require high-performance technology to protect lower levels from moisture and contaminants as well as functional characteristics that allow for the painting of demarcated lines on durable surfaces. Robex has refurbished the rooftop parking areas for prominent centres like Sandton City, Alberton City, Makro, and Game in Mokopane.



Sandton City
Shopping Centre



APPLICATION OVERVIEW

Commercial

Commercial Flooring

Robex's RX-ULTRA FLAKE FLOORING is a floor coating that is available in a wide variety of colour blends to create a decorative yet hard-wearing surface for commercial spaces such retail stores, shopping centres and hotels.



APPLICATION OVERVIEW

Aquariums and Mammal Enclosures

Robex's durable and quick curing pool lining system has been tested as a non-toxic, animal-friendly product for marine environments such as aquariums and mammal enclosures. Projects that we have been involved in include Ushaka Marine World, Taronga Zoo and Sentosa Show Pool - to name a few.



Pool & Water Feature Lining

Robex's RX-Aqualiner System is designed to provide a tough and durable waterproof layer for complete water containment, extending the lifespan of swimming pools and water features - NO LEAKS!



APPLICATION OVERVIEW

Residential

The resilient and durable properties that make our flooring solutions ideal for use in industrial and commercial spaces also make them well-suited for use in residential applications.

Our RX-Aqualiner System has been used in many domestic applications, such as pools and koi ponds while our RX-Décor offers a long-lasting alternative to traditional concrete garage floors.



APPLICATION OVERVIEW

Water Containment & Bund Lining

The Robex Bund Lining System provides a high order of environmental protection and contamination prevention in line with stringent health and safety compliance standards for use in spillage containment areas in chemical plants, liquid storage and distribution facilities, or anywhere where hazardous and aggressive materials can be stored or spilled.



FLOORING



NON-SLIP FLOORING



Robex Non-slip Safety Flooring Systems have prevented accidents on slippery surfaces around the world for over 20 years and has become one of the most widely-used products on the market, not only for areas with high pedestrian traffic, but also on surfaces where vehicles, forklift trucks and automated handling systems traverse.

Robex Grip Kits: Robex Grip Kits can be used on steps, ramps, walkways, fire escapes, upper surfaces of pipes and tanks, pool edges, cab steps, platform edges, level crossings and gantries. It uses specially graded calcined bauxite which does not wear and retains its grip properties for years.

Multi Grip: Multi Grip incorporates the same Bauxite Aggregate as the Robex Grip Kits. Based on our Macro Molecular Technology (as used in our High-Build Floor Coating Systems), the Multi Grip Resin can easily be applied by brush or roller and 'dressed' with bauxite aggregate to create a hard-wearing, industrial safety non-slip finish.

NON-SLIP FLOORING PROJECTS



McCain Foods: In wet conditions, the stairs leading to the reception area at McCain became very slippery, posing a critical safety issue. Robex Grip Kits were successfully applied to the step edges, preventing any further incidents from occurring.



FLOORING

NON-SLIP FLOORING PROJECTS

RK ROBEX S.A.
SOLUTIONS TO PROBLEMS AROUND THE WORLD

Transnet Mechanical Workshop: In a workshop environment, oil is constantly transferred from working areas on the soles of safety boots to other areas. Due to the gradient of the ramp, workshop mechanics were slipping whilst moving parts on a trolley from area to area. To address serious safety concerns associated with slippery surfaces, Grip Kits were applied 100mm wide with 100mm intervals.



FLOORING

Robex's very own Toughseal is a single pack, moisture cured polyurethane system specifically developed for use as a highly flexible, protective floor coating, as well as for the demarcation of lines. Toughseal provides outstanding impact and chemical resistance and can be applied on multiple surfaces, especially concrete, wood and steel industrial flooring surfaces.

Sedibeng Brewery: To ensure efficiency and safety at Sedibeng Brewery's new canning plant, Robex implemented demarcation lines across the entire area with Toughseal.



TOUGHSEAL PROJECTS

RK ROBEX S.A.
SOLUTIONS TO PROBLEMS AROUND THE WORLD

Danone: An industrial flooring solution was required to brighten up the entrance and workshop area at Danone. Robex applied Toughseal, which offers 60% more light reflection than untreated concrete floors. This project demonstrates the versatility of Toughseal both in terms of colour design and functionality.

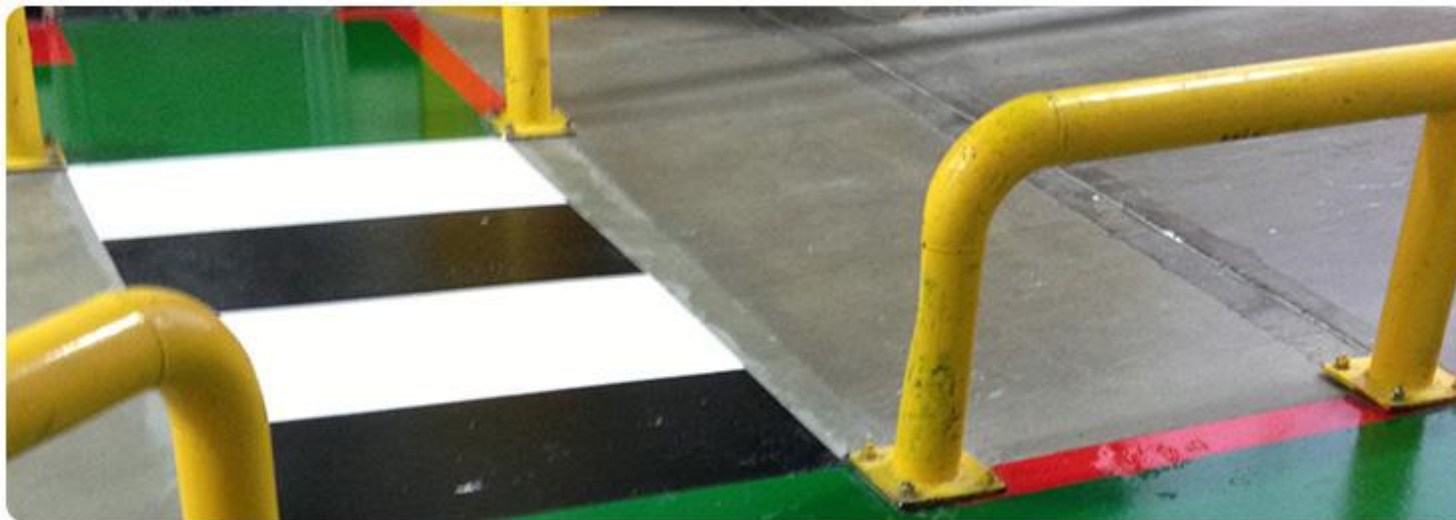


FLOORING

TOUGHSEAL PROJECTS

ROBEX S.A.
SOLUTIONS TO PROBLEMS AROUND THE WORLD

Unilever: With conventional floor coating systems (stoep paint / road marking paint), maintenance staff at Unilever had to continuously re-coat their walkways. To provide a long-term solution, Unilever mechanically removed their current floor system and applied Toughseal to their demarcated walkways.



FLOORING

Fast Track Foodsafe Flooring System: Ideal for all types of fast food establishments, restaurants, food processing plants and cold storage units.

High Mech Foodsafe: A hygienic, vinyl ester resin combined with graded aggregates and state-of-the-art levelling agents, formulated for use in areas where standard resin systems will not suffice. The Hi-Mech systems will perform in even the most arduous conditions, providing customers with peace of mind.



FOODSAFE PROJECTS



Emperors Palace: The main kitchen at Emperors Palace was undergoing an upgrade, and minimising downtime during the renovation was essential. Re-tiling the area would call for an additional 2-week downtime, and Robex was called in to provide a time-saving solution.

The Robex Foodsafe System was applied over the existing tiles to provide a durable and watertight flooring. The entire installation process reduced the shutdown time by 10 days!



FLOORING

Robex Spartacote is a polyaspartic floor coating system used in a variety of applications that require high efficiency and long term durability. The material used combines physical drying and fast chemical curing, eliminating the need for moisture cure coating technologies.

Robex Sparta-Guard™: Aesthetically pleasing, solid-colour concrete flooring solution designed to provide wear resistance, gloss retention and UV stability.

Robex Sparta-Chip™: Designed to provide a hard-wearing and attractive granite / terrazzo finish for commercial, retail and residential spaces.

Robex Sparta-Quartz™: Unique, industrial-grade commercial and industrial flooring that is incredibly strong and suitable for the most demanding, heavy-traffic environments.

Robex Sparta-Stain™: Combines high quality abstract dyes and Robex Sparta-Flex clear sealers to create a variety of brilliant, decorative concrete finishes.

Robex AlpenGlow™: Can be manipulated in a number of ways to provide the ability to significantly enhance the ambiance of any environment.

Robex Alpen Glow™:



Robex Sparta-Guard™:



Robex Sparta-Chip™:



Robex Sparta-Stain™:



Robex Sparta-Quartz™:

