

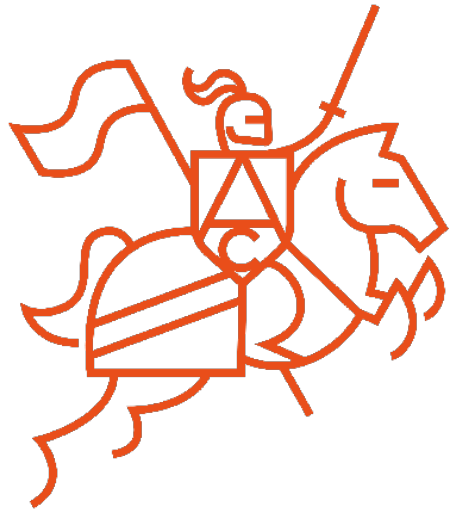


**ARMOUR**  
**COATINGS**<sup>LTD</sup>



# **ARMOUR COATINGS**

## **INTRODUCTION**



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## ABOUT US

Armour Coatings Ltd is a family-owned and operated company, founded by father and son team, John and Robbie Metcalfe. Armour Coatings is based in Thornaby on Tees in the North East of England and specialises in the application of sprayed and hand-applied waterproofing and protective coatings.

Metfiex coatings are designed to be chemical and water-resistant and are also safe for use in environments where animals and/or fish are present.

Our coatings are suitable for a variety of applications including the chemical industry, roofs, walkways, balconies, zoos and aquariums, industrial factories, and even swimming pools and ponds. We have a proven track record of successful projects throughout the UK and further afield, including Hong Kong, and at well-known landmarks such as The Shard and the V&A museum in Dundee.

With a reputation for providing high-quality waterproofing solutions, Armour Coatings is a trusted choice for any project requiring expert application of protective and waterproof coatings.

In zoos and aquariums, our coatings provide long-lasting protection for enclosures and habitats, protecting against the claws and teeth of animals, and in harsh marine and fresh water environments.

In the chemical industry, our coatings provide long-lasting protection for structures and equipment used in the chemical processing and manufacturing industries.

And in roofing, our coatings provide long-lasting protection for both residential and commercial roofing systems, able to withstand water, UV rays, and other environmental factors that can cause damage to roofs over time.

Contact us today to learn more about our products and how we can help you.

# BENEFITS

Using Metflex coatings and products from Armour Coatings offers several benefits to those in many different industries.

**Durability:** The coatings are designed to withstand wear and tear, harsh environments, and harsh weather conditions, providing long-lasting protection for structures and equipment.

**Waterproof and Chemical resistant:** They provide a durable barrier against water penetration and are highly resistant to chemicals, acids, and other corrosive substances, ensuring the safety and longevity of the structures and equipment they are applied to.

**Safe for inhabitants:** The coatings are safe for the inhabitants of zoos, aquariums, ponds and other facilities and do not contain or leech any harmful chemicals.

**Customisable:** They come in a variety of colours and finishes, which can be customised to match the existing design or theming to give a new look.

**Fire Resistant:** These coatings are also highly resistant to fire. This makes them ideal for use in areas where flammable and explosive materials are present, as they can provide added safety and protection in the event of a fire.

**Slip Resistant:** Slip-resistance can be incorporated into the surface finish making walking surfaces safer for use in all conditions.

Overall, Metflex coatings provide long-lasting protection for structures and equipment, ensuring the safety of users and providing a customisable environment.

# Metflex™

# WE HAVE IT COVERED



# Range of Systems Available From Armour Coatings Limited

When it comes to sealing and protection, more and more people are discovering the high-performance advantages of the range of protective coatings available from Armour Coatings Limited. From industrial strength, construction and engineering applications, asbestos encapsulation and high-performance roof waterproofing through to domestic use in ornamental garden ponds. Metfiex products can be applied to virtually any surface including concrete, metals, geotextiles, timber, plastics, etc. Our products are providing fast, cost-effective solutions that are second to none.

## Coating and Lining solutions available for :

- Car Park Deck Waterproofing
- Microbial Resistant Hygienic Floor & Wall Coatings
- Tank Insulation & Silo Lining
- Industrial Containment Bunds and Tanks, Effluent Pits & more
- Industrial Flooring and Roofing
- Leisure Industry, Swimming Pools, Flumes, etc.
- Cushion Flooring Anti-Skid Surfacing for Roads, Walkways, Ramps, Staircases
- Sprayed Foam Insulation - External and Internal
- Cooling Tower & Duct Lining
- Marine Civil Engineering - Boat Decks, Ramp & Slipway Surfacing
- Nuclear Power Industry - Vent Stacks, Decontamination Areas, etc.
- Sewage Works Waterproofing & Lining
- Truck Bed Liners, Van Lining, etc.
- Leisure Industry - Changing Rooms, Roofs,
- Anti-Slip Flooring, Bridge, Terracing and Walkways Pedestrian and Trafficked Ramps
- Ponds, Lakes, Canals, Aquariums and Water Features
- Loading Bays & Plant Rooms
- Seclusion Room, Prison Cell &
- Detention Suite Wall & Floor Coatings
- Railway Platform Re-Surfacing
- Cladding Coatings - High Performance
- Ballistic Protection Coatings & Linings
- Rapid Set Helipad Surfacing
- Green Roof Waterproofing
- Resin Bound, Bonded and High Friction Surfacing
- Roof Waterproofing - High Performance
- Liquid Flat & Pitched
- Waterproofing; Basement Tanking, Wet Rooms, Podium Decks
- Animal Enclosure & Pool Coatings
- Insulated Roofing System
- Asbestos Encapsulation
- Equine Industry, Horse Boxes, Flooring, Exercise Pools
- Film Industry Sets, Props, Tanks

## And So Much More!

We can assist you in solving your problems in a friendly cost-effective way! We pride ourselves in being problem solving and approach clients problems and requirements with a positive, can do attitude.

Contact us and we will be pleased to help.



**A SMALL SELECTION OF OUR CLIENTS.**



# ZOOS AND AQUARIUMS

A lion is the central focus of the image, standing in a doorway and looking directly at the camera. The lion's mane is thick and golden-brown, framing its face. The background shows the interior of a building with light-colored walls and a doorway leading to an outdoor area. The overall tone is professional and informative.

Armour Coatings is a company that specialises in providing protective and waterproof coatings for zoos and aquariums. The coatings we offer are designed to be durable and are able to withstand the wear and tear caused by the claws and teeth of many animals, including tigers, and provide long-lasting protection for the enclosures and habitats in which they are used. Additionally, the coatings are waterproof, which protects the structures against moisture and other elements that can damage the enclosure over time.

Overall, Metfiex coatings are an essential aspect of maintaining the safety and well-being of animals in zoos. Metfiex coatings are super durable and can withstand the toughest of cleaning regimes needed for the zoo environment; pressure washing, steam cleaning, daily scrubbing and the use of standard biocides and disinfectants will not have a detrimental effect on the surface.

Metfiex Ani-Floor is a seamless, bacteria-resistant, durable, cushioned flooring which fully adheres to your existing surface, forming a hard-wearing, hygienic, non-permeable surface that's easy to clean and minimises odours, whilst the non-slip and anti-fatigue surface helps protect many different animals from injury. Ani-Floor can be installed in any areas where a cushioned floor is needed, including den areas, horseboxes, breeding areas, stalls, wash-bays, veterinary and hospital areas, and animal transport lorries and trailers.

In addition to zoos, Armour Coatings also provides protective and waterproof coatings for aquariums of various sizes. These coatings are designed to withstand harsh marine and fresh-water environments, providing long-lasting protection for the base structures of the tanks, ponds and enclosures that house the aquatic animals.

The coatings are also safe for the inhabitants of the aquariums and do not leech any harmful chemicals into the water column. These coatings can be used on both the inside and outside of the tanks, providing a seamless and durable barrier against water and other elements. Armour Coating's protective and waterproof coatings are available in a range of RAL colours to suit your theming and aesthetic needs and bond perfectly to any transparent materials used for viewing areas. Metfiex coatings are also very easy to clean; any algae build up is easily cleaned off using a stiff brush.



# CHEMICAL INDUSTRY

Armour Coatings offer a range of protective and waterproof coatings for the chemical industry. Metfiex coatings are specifically designed to provide long-lasting protection for structures and equipment used in the chemical processing and manufacturing industries.

They are highly resistant to chemicals, acids, and other corrosive substances, ensuring the safety and longevity of the structures and equipment they are applied to.

They are also designed to withstand extreme temperatures, high pressure, and other harsh conditions commonly found in the chemical industry.

Metfiex coatings can be applied to a wide range of surfaces, including steel, concrete, and other materials commonly used in the chemical industry.

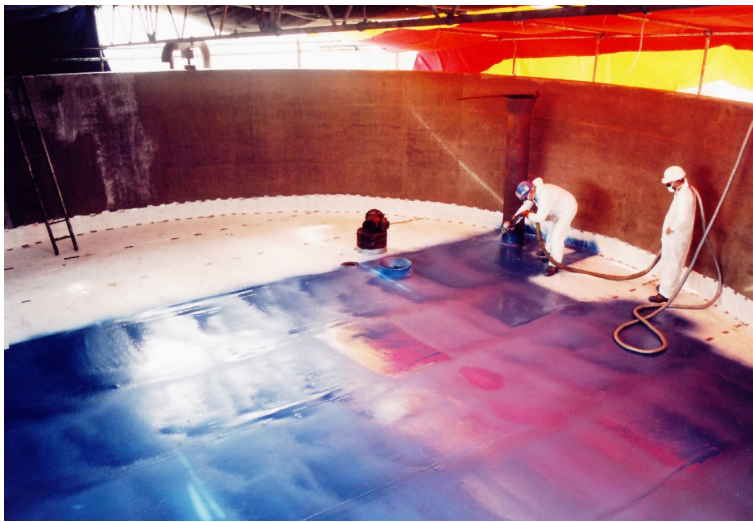
They can be used to protect tanks, bunds, vessels, pipes, and other equipment providing a durable barrier against corrosion, erosion, and other forms of damage.

They also come in a variety of colours and finishes, which can be customised to meet the specific needs of the customer. When applied in two contrasting colour combinations or layers, in high chemical or mechanical attack areas, they provide a visual warning when the surfacing is wearing, and recoating is required.

In addition, Metfiex coatings are also highly resistant to fire, which is an important aspect for the chemical industry where explosions and fires can happen. This makes them ideal for use in areas where flammable and explosive materials are present, as they can provide added safety and protection in the event of a fire.

The protective and waterproof coatings from Armour Coatings are an essential aspect of maintaining the safety and longevity of structures and equipment used in the chemical industry, providing long-lasting protection against a wide range of damaging factors.





# ROOFING

Armour Coatings have a range of protective and waterproof coatings for roofing applications, specifically designed to provide long-lasting protection for both residential and commercial roofing systems.

They are highly resistant to water, UV rays, and other environmental factors that can cause damage to roofs over time. They are also able to withstand extreme temperatures, high winds and other harsh weather conditions commonly found in different regions.

These coatings can be applied to a wide range of roofing surfaces, including polyurethane foam insulation, metal, asphalt, asbestos, GRP and felt amongst other materials commonly used in roofing.

They can be used to protect flat, sloped, and metal roofs, providing a long-lasting barrier against water ingress and other forms of damage. They also come in a variety of colours and finishes, which can be customised to match the existing roof colour or to give the roof a new look.

In addition, these coatings can also provide energy-efficient benefits by reflecting the sun's rays and reducing the amount of heat absorbed by the roof. This can help to lower cooling costs and improve the overall energy efficiency of the building.

Roof coatings from Armour Coatings help maintain the longevity and durability of roofing systems, providing long-lasting protection against water ingress, UV rays, and other environmental factors that can cause damage over time.

Armour Coatings also offer a full asbestos encapsulation system. The encapsulation of asbestos offers a complete, seamless coating that will ensure the asbestos is completely encapsulated. It also reduces the fragility of the roof, allowing safer access.

This solution will trap dangerous asbestos fibres, preventing them from becoming air borne. Using our specialist coatings to encapsulate the asbestos also produces a high-performance waterproof coating which will increase the longevity of the roof.



# WALLS & FLOORS

Armour Coatings offers a range of decorative, protective, and hygienic coatings for walls and floors which are specifically designed to provide a functional, durable, and attractive finish for a wide range of commercial and industrial environments.

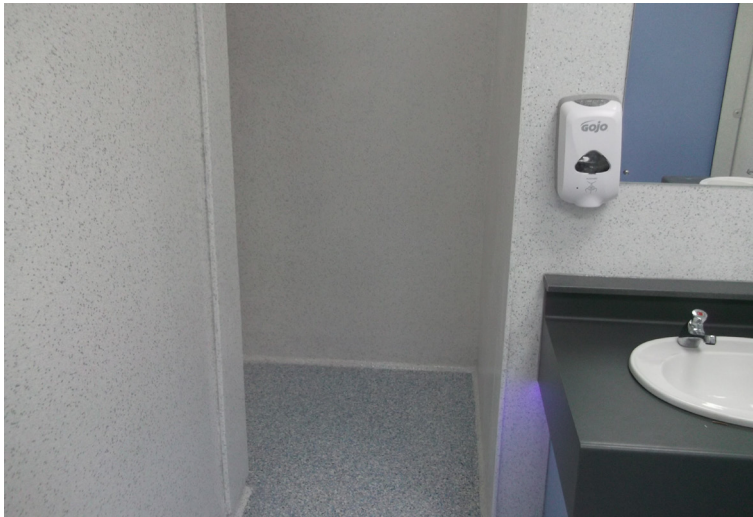
They are ideal for use in areas such as food processing plants, hospitals, schools, clean rooms, laboratories and other public facilities where hygiene and durability are of utmost importance.

These coatings are highly resistant to wear and tear, chemicals, and other factors that can cause damage to walls and floors over time. They are also easy to clean and maintain, making them ideal for use in areas where hygiene is a concern.

They come in a variety of colours and finishes, which can be customised to meet the specific needs of the customer.

In addition, our floor coatings can also provide slip-resistant properties, making them ideal for use in areas where safety is a concern. They can also be formulated with anti-microbial properties, which can help to inhibit the growth of bacteria, mould, and other microorganisms, making them ideal for use in areas where hygiene is of paramount importance.

Wall and floor coatings from Armour Coatings provide decorative, protective, and hygienic aspects in commercial and industrial environments. They provide long-lasting protection and enhance the appearance of the space while also providing safety and hygiene benefits.



# BALCONIES, WALKWAYS & DRIVEWAYS

Armour Coatings have a range of products for external walkways, footpaths, and balconies. Alongside our full waterproofing solutions, one of the products we offer is resin-bound stone.

This system is applied to a fully waterproofed surface in the case of balconies and is a durable and attractive surface solution for them. This system is also suitable for walkways, footpaths and driveways.

The product is a mixture of natural stones and a clear, UV-resistant resin. The combination of the natural stone and the clear resin creates a durable, slip-resistant surface that is able to withstand heavy foot traffic, vehicles and the elements.

The resin-bound stone can be used to create a variety of different finishes, from smooth and modern to more natural and rustic. It is available in a wide range of colours and textures, which can be customised to meet the aesthetic needs of the customer.

The resin-bound stone is also low maintenance, and easy to clean, making it an ideal solution for high-traffic areas.

In addition, the resin-bound stone is also an eco-friendly alternative for driveways as it is made from natural materials, and it provides a SuDS compliant, permeable surface that allows water to drain through, reducing the risk of flooding and erosion.

It is also suitable for wheelchair and pram access and it can be installed in various shapes and sizes, making it perfect for any size or shape of walkway, footpath or balcony.

Resin-bound stone from Armour Coatings is a great solution for external walkways, footpaths, balconies and driveways, as it provides a durable, attractive, slip-resistant, low-maintenance surface that is also eco-friendly, and can be customised to meet the specific needs of the customer.



# CAR PARKS

Armour Coatings offers a range of products for car parks that are specifically designed to provide long-lasting protection and durability for the surfaces of car parks, while also enhancing the appearance of the area.

One of the products we offer is a heavy-duty, slip-resistant coating that can be applied to concrete, asphalt, and other surfaces commonly found in car parks.

This coating is highly resistant to wear and tear, chemicals, and other factors that can cause damage to car park surfaces over time. It is also easy to clean and maintain, making it ideal for use in high-traffic areas.

Another product on offer is line marking paint that can be used to create clear, visible lines and markings on the car park surfaces. This product is highly durable and resistant to wear and tear, ensuring that the lines and markings will remain visible for a long time.

In addition, Armour Coatings also offer a range of reflective coatings that can be used to enhance the visibility of car park surfaces, especially during the night time. These coatings are specifically designed to reflect light, making it easier for drivers to see the lines and markings on the car park surface.

Armour Coatings' products for car parks provide long-lasting protection, slip-resistance and visibility. They are ideal for use in commercial, industrial and public facilities, enhancing the safety, functionality and appearance of the car park.





# FISH PONDS

A decorative garden pond with a waterfall, a stone statue, and a stone bridge. The pond is surrounded by lush greenery and a stone bridge with a statue of a figure. The water is dark and reflects the surrounding environment.

Armour Coatings has products specifically formulated to provide long-lasting protection and durability for the surfaces of fish ponds, while also ensuring a safe, smooth, easy cleaned and non-taint environment for the inhabitants.

Armour Coatings offer a range of speciality coatings that are safe for fish, invertebrates and amphibians. These coatings are specifically designed to be non-toxic and non-harmful to fish and aquatic life and are used to protect the surface of the pond without posing any risk to the fish or other aquatic creatures living in the pond.

The waterproof coatings can be applied to concrete, fibreglass, and other surfaces commonly found in fish ponds.

They are highly resistant to water, chemicals, and other factors that can cause damage to the surface over time. It also provides a smooth, non-porous surface that is easy to clean and maintain.

They are ideal for use in residential, commercial and public facilities, enhancing the safety, functionality, and appearance of the fish pond while also ensuring the well-being of the fish and other aquatic creatures present in the pond environment.

You could also increase the aesthetics of your garden and the area surrounding the pond with Resin-Bound stone surfacing.



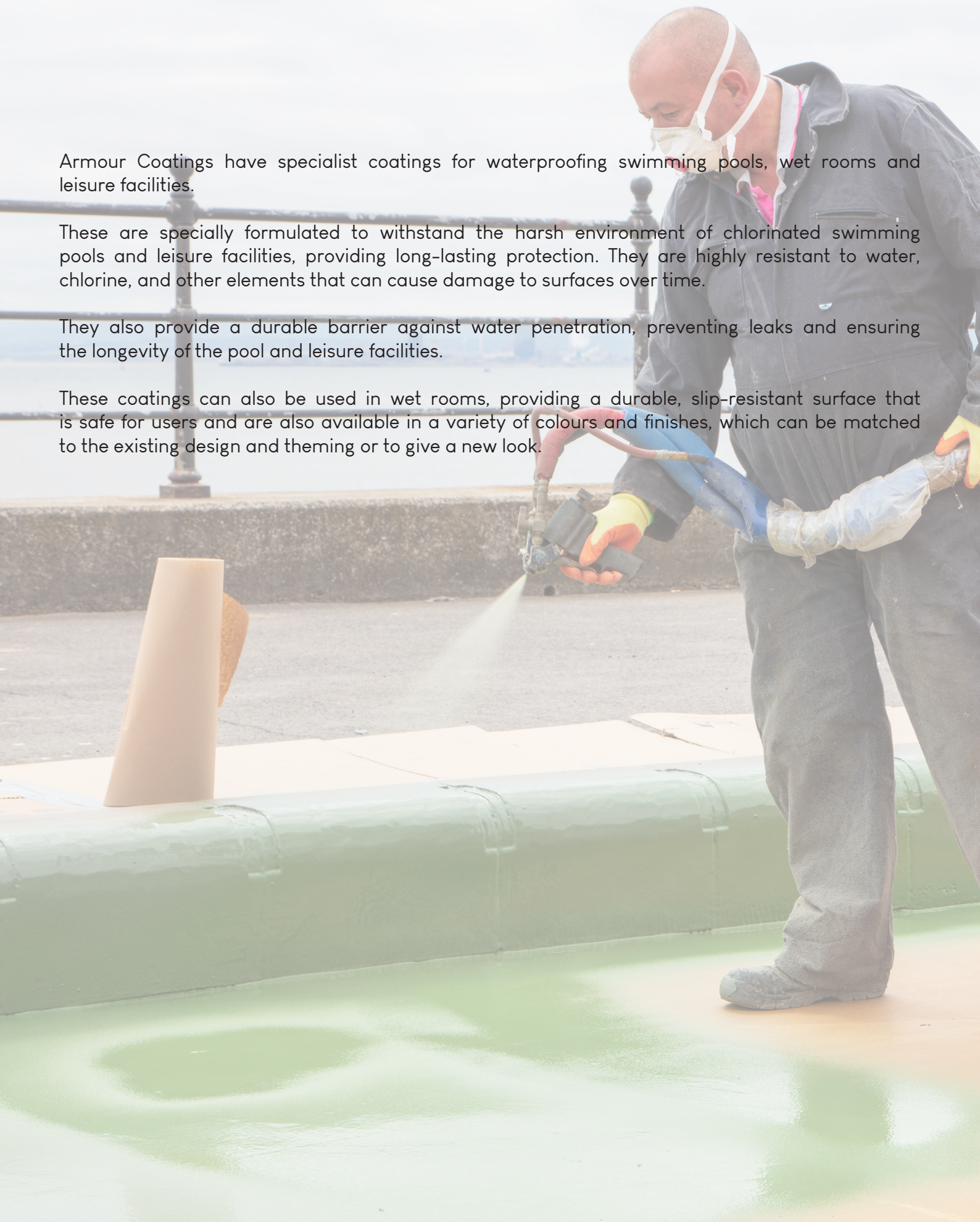
# SWIMMING POOLS & PADDLING POOLS

Armour Coatings have specialist coatings for waterproofing swimming pools, wet rooms and leisure facilities.

These are specially formulated to withstand the harsh environment of chlorinated swimming pools and leisure facilities, providing long-lasting protection. They are highly resistant to water, chlorine, and other elements that can cause damage to surfaces over time.

They also provide a durable barrier against water penetration, preventing leaks and ensuring the longevity of the pool and leisure facilities.

These coatings can also be used in wet rooms, providing a durable, slip-resistant surface that is safe for users and are also available in a variety of colours and finishes, which can be matched to the existing design and theming or to give a new look.





# CONTRACTING SERVICES

On site application can be carried out by our own team of expert technical staff. Where required, we can provide intensive contractor training to enable suitably qualified operatives to apply Metflex products.

Ongoing development on texturing and aesthetics means we can now provide almost any surface finish to suit the application and in virtually any choice of colourings. Metflex coatings can be as thin or as thick as required. Surface finishing can be as smooth or as slip resistant as needed or anything in between.

All these advantages yet Metflex products are cost-effective to apply. In fact, Metflex products can offer big savings over traditional methods and solutions.

Our highly experienced technical consultants can provide a no-obligation assessment of your particular application and supply in depth technical information on relevant Metflex systems to provide the ideal solution for your specific requirements.

Just get in touch and we can do the rest!

# OTHER AREAS OF WORK

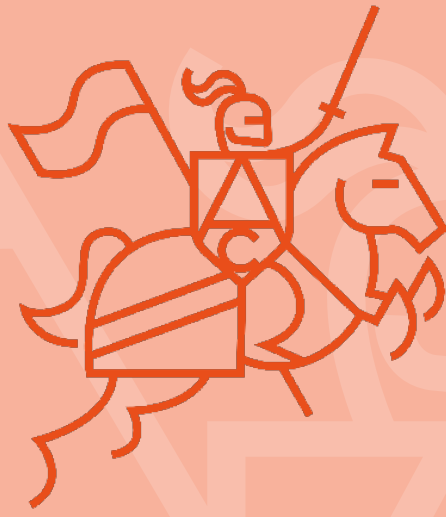
From tactile paving tiles to railway bridge decks, loading docks and stadium terracing, nothing can beat Metflex product's for durability, speed of application and effectiveness.

Above and below the waterline in marine applications for protecting steel, aluminium, fibreglass and timber found in boats hulls to pontoon floats and marker buoys.

Metflex products can be used for lining railway track beds, vans, dump truck buckets, horse boxes, animal transportation crates and so much more.

Metflex products can be used for flooring and carpark decking due to the rapid installation time and trafficking time. Metflex products are extremely durable and great for use in areas of high traffic, daily pressure washing and intense cleaning regimes.





# ARMOUR COATINGS LTD

Armour Coatings Limited's passion lies in its ambition to deliver product and projects of exceptional and outstanding value and performance, for all our customers. We push the boundaries of conventional thinking and technology with our innovative range of products and solutions.



## WORK WORLD WIDE

Armour Coatings Ltd works all over the world. We have completed projects in HongKong, Tenerife, France, Belgium to name a few.



## 25 YEAR

Armour Coatings Ltd can offer a manufacturer's 25 year water tightness guarantee.



## STAFF

All Armour Coatings Ltd's operatives are fully trained to carry out their work professionally and up to our high standard.



## JOB SIZE

No job too big or too small.

# YOUR SWORD & SHIELD WHEN IT COMES TO COATINGS



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