



# NUMASTEC

THE RIGHT COATING FOR AN ULTIMATE PROTECTION



WATERPROOFING  
THERMAL BARRIER  
CORROSION PROTECTION  
FLOORING SYSTEMS



# THERMAL BARRIER

Revolutionary unique ceramic coatings that reflect and block the heat



Numastec is a company that has dedicated itself to the production and distribution of high-quality, fluid-applied waterproofing membranes, protective coatings and flooring systems that solve industrial problems, improve appearance and save energy.

Numastec is a ISO 9001:2000 registered company and our coating systems have been tested beyond typical standards for longevity, durability, pliability, abrasion, corrosives, salts, oils and other chemicals, all while reducing thermal shock damage and being suitable for light and heavy traffic.

## Advantages

- ✓ Reduces cooling costs
- ✓ Stays pliable in all climates
- ✓ Can be bonded to pre-painted surfaces
- ✓ Does not shrink, crack or gap  
Withstands sea mist and airborne corrosives
- ✓ Cures to a highly fire-resistant surface
- ✓ Stays pliable in all climates

Our products are proven as a thermal solution for commercial and industrial properties worldwide

Our product line combines a thermal barrier with a durable finish

The products are specially designed for reflecting heat away from roofs and walls

Capable of thermally insulating up to 200°C, this coating is perfect for a myriad of applications

Personnel protection, energy savings and protection from corrosion under insulation are just a few of the benefits

CERAMIC & EPOXY SYSTEMS

# ANTI-CORROSION

Ultimate corrosion encapsulation and reinforcement

Numastec produces and distributes a wide range of anti-corrosion products that distinguish themselves with their particular diffusion tightness which prevents penetration of water molecules and oxygen to the metal surface, thus isolating the metal from the two parameters that make corrosion possible.

Our product range is highly suitable for any metal surfaces in both marine environments as well as on land. Oil and gas facilities and reservoirs, hydropower and steel sheet pilings, ships and vessels are examples of what kind of market segments our products can be successfully used for.

## Advantages of the Numastec System

- ✓ Used both for reparation of existing equipment and protection of new plants and bindings
- ✓ Abrasive and resistant to UV, salts, acid splashes and chemical solvents
- ✓ Penetrate deep into the pores of the substrate and draw moisture from the atmosphere to encapsulate the surface
- ✓ Delta test - extremely long durability  
Corrosion protection of steel surfaces above and underwater
- ✓ Permanent resistance to industrial and sea atmosphere, sweet and brackish water, salt water, mineral and heating oils, fattening oils, chlorine detergents
- ✓ Approvals to be used in drinking water environments
- ✓ Excellent application at extreme temperatures (-30°C +60°C)
- ✓ Excellent adhesion to any antifouling system



CERAMIC SYSTEMS

# WATERPROOFING

Fluid-applied liquid membrane

Our products are manufactured with a ceramic toughness and elastomeric sustainability

This pioneering technology and innovation has resulted in some of the most well-respected coating systems in the industry

Proven coatings solutions for contractors and architects

We offer a wide range of cost-effective, single and plural component products for industrial purposes

Our aromatic and aliphatic waterproofing coatings are designed to meet the needs of harsh environmental and service conditions

Provides excellent adhesion to metal, asphalt, single-ply and concrete surfaces

The product base is designed for difficult waterproofing applications

Renovation and repair of the anti-skid protection on decks and passages

## Advantages

- ✓ Green water-based technology
- ✓ Up to 50% installation savings
- ✓ Very high UV resistance - UV solar shield
- ✓ Seamless all-climate stability
- ✓ Resistant corrosion barrier
- ✓ Reduces thermal shock damage

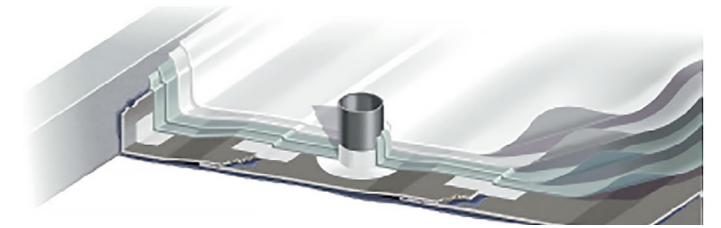
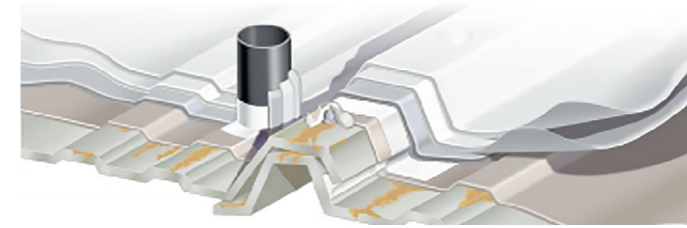


# RE-PLY SYSTEM™

The solution for all your roofing problems

- ✓ All climate stability
- ✓ Solar shield
- ✓ Wind breaker
- ✓ Corrosion barrier
- ✓ Maintenance savings

The savings in cooling expenses alone will easily pay the cost of restoration over the lifetime of the Numastec Renewable Warranty.



## Re-Ply System™ for Metal Roofs

- ✓ Creates a seamless, weathertight barrier
- ✓ Eliminates rust and corrosion
- ✓ Reflects away heat and harmful UV radiation
- ✓ Surpasses R19 heat gain testing
- ✓ Greatly reduces thermal shock damage
- ✓ Temperature and cooling costs control

## Improves Rubber & Asphalt Roofs

- ✓ Withstands ponding water
- ✓ Reflects away heat and harmful UV radiation
- ✓ Resists fungi and algae growth
- ✓ Energy efficient solution permitting considerable financial savings
- ✓ Greatly reduces wind damage risk
- ✓ Eliminates roof replacement expenses

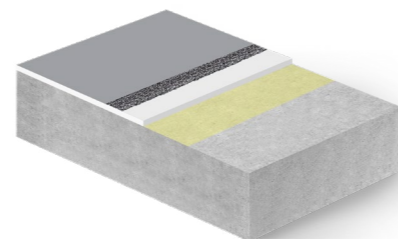
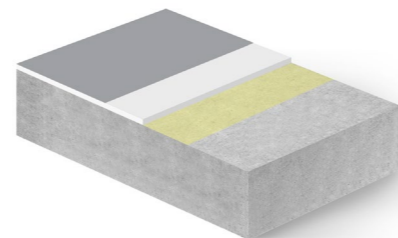


# ROOFS WATERPROOFING

The Numastec System is the technologically advanced, premium liquid polyurethane waterproofing system that offers easy application, full certification, and guaranteed long lasting results for your roof waterproofing needs. Ideal for repair and renewal, new vaulted or flat roofing designs, the Numastec System polyurethane roof coating (dependent on top coat) can also accommodate daily wear and tear from medium to heavy foot traffic.

Polyurethane liquid membrane can be applied to any roof be it a dome, butterfly, shed or hyperbolic paraboloid roof or a classic low sloped or flat roof. Be it a dome, butterfly, shed or hyperbolic paraboloid roof or a classic low sloped or flat roof, every roof structure has a unique character.

The Numastec System consists of different products, dependent on the roofs characteristics.



## Advantages of the Numastec System

- ✓ Simple application (roller or airless spray)
- ✓ Forms seamless membrane on application without joints.
- ✓ Resistant to water, heat, and frost
- ✓ Resistant to root penetration
- ✓ Crack-bridging
- ✓ Exceptionally adhesive to practically all surface types
- ✓ Usable for pedestrian and vehicular traffic
- ✓ Resistant to detergents, oils, seawater, and domestic chemicals
- ✓ Application does not require the use of open flames (torch)
- ✓ Over 15 years of positive feedback worldwide
- ✓ Water vapor permeable
- ✓ Provides excellent thermal, weather, and uv resistance.
- ✓ Waterproofs old bitumen-, asphalt felts
- ✓ Provides high sun reflectivity, contributing to thermo insulation
- ✓ Remains flexible over a temperature span of -40°C to +90°C

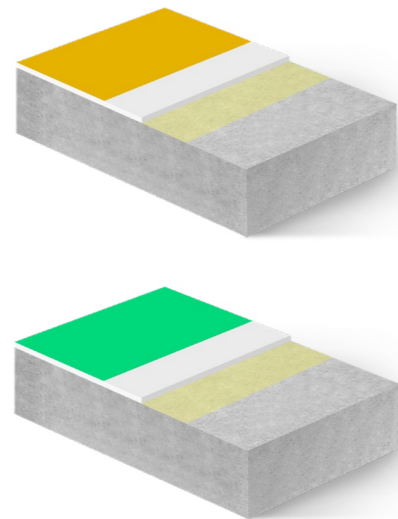


POLYURETHANE SYSTEMS

# BALCONIES AND TERRACES WATERPROOFING

Terrace waterproofing and colored balcony waterproofing is very important for open-air exposed areas. Balconies and terraces, walkways, galleries, penthouses, loggias, the roofs of underground car parks used as plazas, decorative balconies and outdoor seating areas are constantly exposed to the elements.

Numastec offers liquid-applied Polyurethane balcony / terrace waterproofing systems with long-term protection for plain colored decorative terraces that guarantee unalloyed enjoyment of the outside area – year after year. The Numastec System products can be used as solid color decorative self-finished systems but can also be covered with tiles, paving or timber decking.



## Advantages of the Numastec System

- ✓ Simple application (roller or airless spray)
- ✓ Resistant to water, heat and frost
- ✓ Provides excellent adhesion to almost any type of surface
- ✓ Various decorative designs possible
- ✓ Crack-bridging
- ✓ Can be used for pedestrian and vehicular traffic
- ✓ Forms a seamless membrane that adapts to any form
- ✓ Water vapor permeable
- ✓ Resistant to detergents, oils, seawater and domestic chemicals
- ✓ Secure sealing of joints and details
- ✓ Provides excellent thermal, weather and UV resistance.
- ✓ Over 15 years of positive feedback worldwide
- ✓ Minimal additional weight and height added to substrate
- ✓ Remains flexible over a temperature span of -40°C to +90°C

POLYURETHANE SYSTEMS

# FOUNDATIONS WATERPROOFING

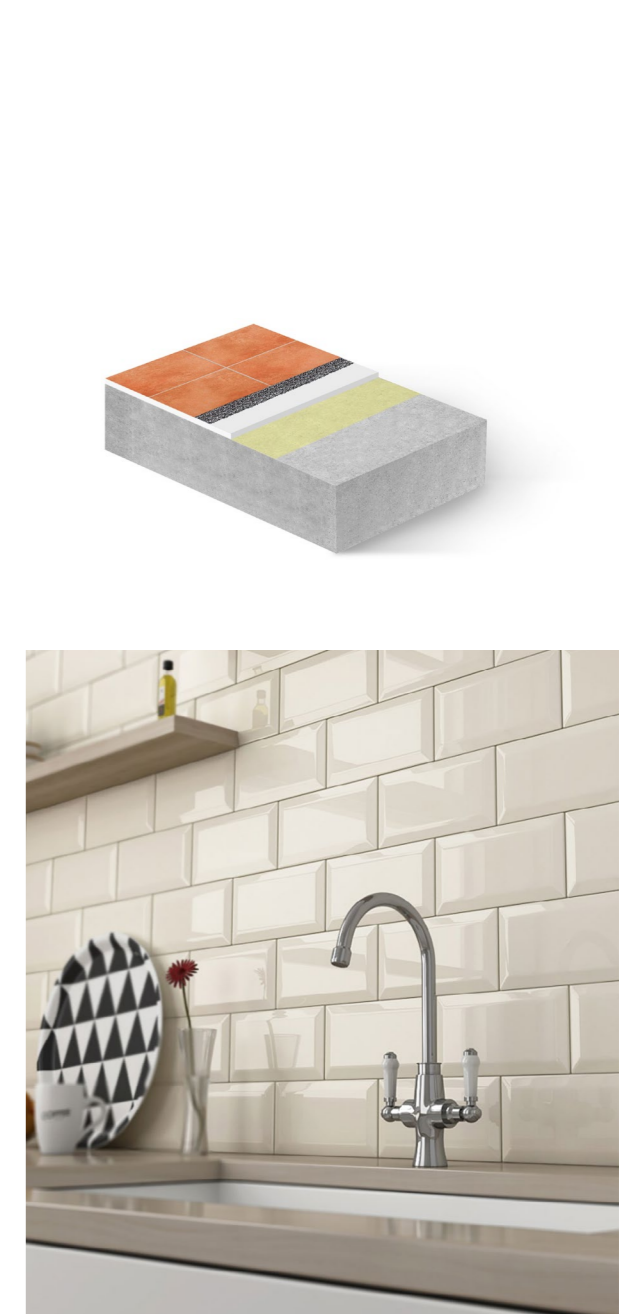
External waterproofing of foundations is essential for every building with basement. Foundations and retaining walls are constantly exposed to humidity. Foundation waterproofing is required in order to avoid serious damage to the structure of the building and major decorative damage

to rooms inside. The Numastec foundations and retaining walls waterproofing method offers a simple build-up waterproofing that features a highly elastic waterproofing membrane and loose laying protection. Insulation boards can also be bonded to the membrane.



## Advantages of the Numastec System

- ✓ Simple application (roller or airless spray)
- ✓ Crack-bridging
- ✓ Provides excellent adhesion to almost any type of surface
- ✓ When applied it forms seamless membrane without joints
- ✓ Provides excellent thermal, weather and chemical resistance
- ✓ Resistant to detergents, oils, seawater and domestic chemicals
- ✓ Resistant to water, heat and frost
- ✓ Waterproofs old bitumen, asphalt felts by covering them
- ✓ Application does not need the use of open flames (torch)
- ✓ Resistant to root penetration
- ✓ Remains flexible over a temperature span of -50°C to +90°C
- ✓ Positive feedback worldwide



POLYURETHANE SYSTEMS

# WET AREAS, UNDER-TILE WATERPROOFING

Under-tile waterproofing of wet areas is essential in order to prevent the buildup of dampness and humidity. Due to the frequency and intensity of exposure to humid conditions, bathroom and kitchen waterproofing (wet area or wet room waterproofing) is essential to prevent structural, decorative, and even human health related damage. Left unattended, moisture build up can seriously degrade and destroy primary and secondary facilities.

The Numastec System uses liquid application of unique polyurethane materials to provide a complete waterproofing solution for wet areas. The process is implemented prior to tiling and outfits facilities with an unsurpassed level of protection against both moisture and the weathering of time. The Numastec System is a versatile process to ensure impermeable wet area environments (i.e., kitchen and bathroom waterproofing), including vertical wall surfaces.

## Advantages of the Numastec System

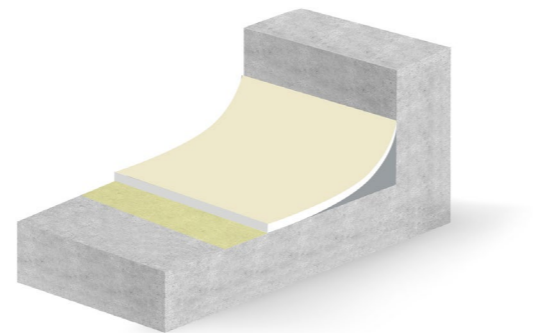
- ✓ Simple application (roller or airless spray)
- ✓ Compatible with alkalic tile adhesives
- ✓ Forms seamless membrane that adapts to any form
- ✓ Secure sealing of joints and details
- ✓ Minimal additional weight and height added to substrate
- ✓ Resistant to water, heat and frost
- ✓ Crack-bridging
- ✓ Water vapor permeable
- ✓ Provides excellent thermal, weather and UV resistance.
- ✓ Remains flexible over a temperature span of -40oC to +90oC
- ✓ Provides excellent adhesion to almost any type of surface
- ✓ Can be used for pedestrian and vehicular traffic
- ✓ Resistant to detergents, oils, seawater and domestic chemicals
- ✓ Over 15 years of positive feedback worldwide



POLYURETHANE SYSTEMS

# RESERVOIRS, WATER TANKS AND CHANNELS WATERPROOFING

Water tanks, water channels or artificial ponds are constantly exposed to pressing water and therefore need protection. They also need to withstand constant battering from the elements due to which leaking is common after a few years. Numastec System offers liquid-applied polyurethane waterproofing systems with long-term protection for simple, detailed or complicated water tank or artificial pond structures.



## Advantages of the Numastec System

- ✓ Simple application (roller or brush)
- ✓ When applied it forms seamless membrane without joints.
- ✓ Resistant to water, heat and frost
- ✓ Certified for use in drinking (potable) water tanks
- ✓ Resistant to root penetration
- ✓ Crack-bridging
- ✓ Water vapor permeable
- ✓ Provides excellent thermal, weather and UV resistance
- ✓ Waterproofs old bitumen, asphalt felts by covering them
- ✓ Provides high sun reflectivity, contributing to thermo insulation
- ✓ Remains flexible over a temperature span of -40°C to +90°C
- ✓ Provides excellent adhesion to almost any type of surface
- ✓ Can be used for pedestrian and vehicular traffic
- ✓ Resistant to detergents, oils, seawater and domestic chemicals
- ✓ Application does not need the use of open flames (torch)
- ✓ Over 15 years of positive feedback worldwide



POLYURETHANE SYSTEMS

# TRANSPARENT WATERPROOFING

Transparent waterproofing is crucial for open air exposed areas. Balconies and terraces, patios and walkways are without doubt among the most heavily stressed parts of any building. They are permanently exposed to the elements and are subject to constant changes in temperature. Especially if these areas are covered with ceramic tiles these conditions frequently lead to cracks in the mortar joints, allowing water ingress causing considerable damage. Numastec offers a clear waterproofing system with a unique transparent coating technology.



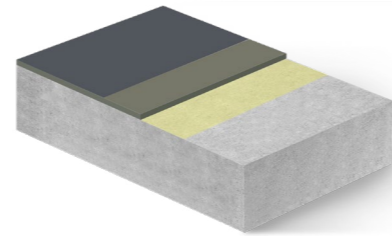
## Advantages of the Numastec System

- ✓ Simple application (roller or airless spray)
- ✓ Forms a seamless membrane that adapts to any form
- ✓ Secure sealing of joints and details
- ✓ Can be used for light and heavy pedestrian traffic
- ✓ Minimal additional weight and height added to substrate
- ✓ Resistant to water, heat and frost
- ✓ Crack-bridging
- ✓ Water vapor permeable
- ✓ Provides excellent thermal, weather and UV resistance.
- ✓ Remains flexible over a temperature span of -40°C to +90°C
- ✓ Provides excellent adhesion to almost any type of surface
- ✓ Can be used for pedestrian and vehicular traffic
- ✓ Resistant to detergents, oils, seawater and domestic chemicals
- ✓ Low cost compared to removal of old tiles, new waterproofing and placement of tiles
- ✓ Over 10 years of positive feedback worldwide

# INTERNAL CAR PARKINGS

Internal parkings are constantly exposed to heavy weight automobile traffic and also to a number of other destructive elements such as humidity and moisture, oils, chemicals, temperature differences, etc. The flooring system must be therefore incredibly strong, chemical resistant and flexible at the same time in order to avoid any possible deterioration of the surface.

Numastec offers an easy-applied, seamless, abrasion resistant, hard-elastic, anti-skid waterproofing flooring system capable of withstanding long-term vehicular traffic.



## Advantages of the Numastec System

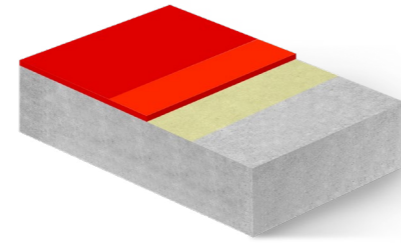
- ✓ Simple application (roller or airless spray)
- ✓ Decorative
- ✓ Resistant to constant, heavy abrasion and wear conditions
- ✓ Resistant to water, heat and frost
- ✓ When applied does not absorb liquids or dirt
- ✓ Stops the creation of dust
- ✓ Gives a glossy and easy-to-clean surface
- ✓ Maintains its mechanical properties over a temperature span of -20°C to +90°C
- ✓ Provides excellent adhesion to almost any type of surface
- ✓ Can be used for pedestrian and vehicular traffic
- ✓ Resistant to detergents, oils, fuels and seawater
- ✓ Over 20 years of positive feedback worldwide



# EXTERNAL CAR PARKINGS

Protection of an exposed car parking is one of the most challenging surfacing application jobs in a building. On top being rigid enough to withstand heavy vehicle traffic, the flooring coating must be resistant to UV radiation, fluctuating weather conditions and temperatures, chemicals such as oils and salts, etc.

Numastec provides an easy and cold-applied, seamless, abrasion-resistant, hard-elastic, anti-skid flooring system that will prevent any corrosion or deterioration of the underlying concrete.



## Advantages of the Numastec System

- ✓ Simple application (roller or airless spray)
- ✓ When applied it forms seamless coating without joints
- ✓ Resistant to water, heat and frost
- ✓ Water vapor permeable
- ✓ Provides excellent thermal, weather and UV resistance
- ✓ Maintains its mechanical properties over a temperature span of -20°C to +90°C
- ✓ Provides excellent adhesion to almost any type of surface
- ✓ Can be used for pedestrian and vehicular traffic
- ✓ Resistant to detergents, oils, fuels and seawater
- ✓ Over 20 years of positive feedback worldwide



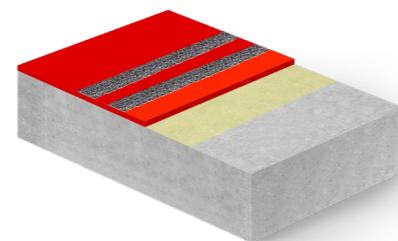


POLYURETHANE SYSTEMS

# PRODUCTION PLANTS, WAREHOUSES, HOSPITALS

In big commercial structures such as production plants, logistic warehouses, professional kitchens, hospitals (etc.) the harsh elements damaging the surface are significantly multiplied. In addition to the weight and movement of heavy machinery, it is common to have spills of oils, fuels, solvents and detergents. Other factors like dropping of heavy and sharp tools are also inevitable, so the flooring system must be puncture resistant.

Numastec provides an easy and cold-applied, seamless, abrasion-resistant, hard-elastic, anti-skid flooring system that will protect the desired surface for years to come.



## Advantages of the Numastec System

- ✓ Simple application
- ✓ Anti-skid
- ✓ Create thick layers that protect very efficiently
- ✓ Decorative
- ✓ Resistant to constant, heavy abrasion and wear conditions
- ✓ Resistant to water, heat and frost
- ✓ When applied do not absorb liquids or dirt. Stop the creation of dust
- ✓ Give easy-to-clean surface
- ✓ Maintains its mechanical properties over a wide temperature span
- ✓ Provides excellent adhesion to almost any type of surface
- ✓ Can be used for pedestrian and vehicular traffic
- ✓ Resistant to detergents, oils, fuels, and common chemicals
- ✓ Over 20 years of positive feedback worldwide

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