



# BridgeDECK® CorrosionBLOK

Vital Infrastructure Waterproofing System

## BridgeDECK®

### Waterproofing Systems

Using these sub-surface, gel-forming waterproofing systems increases the safety level for the crews applying the product & improves traffic concern safety, by severely limiting the amount of time needed to apply the systems.

These cost-effective Waterproofing Systems provide owners with the absolute best sustainable products available in the marketplace today. Give us a try!

## ALCHEMCO

Alchemco products are changing the market's perception of what 'long-term' waterproofing protection means. Why build structures with a design life of 50-100 years then protect them with products that are designed to only perform for 5-10 years?



**45+**

Years of Technology



**75+**

Countries



ALCHEMCO



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## BridgeDECK® CorrosionBLOK



BridgeDECK® CorrosionBLOK is specifically designed for D.O.T. applications or large bridges. BridgeDECK® Waterproofing Systems can be applied by either highway maintenance crews or waterproofing contractors. CorrosionBLOK utilizes a bio-based modified sodium silicate gel-forming technology to stop water penetration.

## BridgeDECK® WATERPROOFING SYSTEMS



Our Waterproofing Systems are specified by the best Architects & Engineers. Rapidly opening your bridge to traffic is one of the advantages of using BridgeDECK® Systems. Our products allow traffic to resume in a fraction of the time required by other traditional waterproofing methods.



**100% Trafficable  
within 1 Hour**



**Protects Steel  
from Corrosion**



**Fills Cracks,  
Pores, and Voids**

## PERFORMANCE



1

### Waterproofing Simplified

Fast & Easy application time with small crew sizes means transportation departments can complete many more projects during the year, while using a smaller portion of their annual budget.

2

### Subsurface Barrier

The modified sodium silicate penetrates into and bonds with the concrete to create a barrier to water, stopping the water from within the concrete rather than on the surface.

3

### NSF/ANSI 61 Certified

BridgeDECK® CorrosionBLOK is certified to NSF/ANSI. This testing is a set of national standards that relates to water treatment and establishes stringent requirements for all equipment and products that come in contact with either potable (drinking) water or products that support the production of potable water.



# BridgeDECK®

## CorrosionBLOK

This versatile waterproofing technology has been protecting concrete structures around the world for over four decades. Structures such as: **parking ramps, highway bridges, stadiums, airports, hospitals, universities, high-rises, wastewater treatment plants & marinas.** The combination of rapid application rates, affordable up-front costs, and outstanding life-cycle costing makes this a waterproofing solution that highway departments can't pass up.

# BridgeDECK® WATERPROOFING SYSTEMS

Provide the finest protection available for your concrete. These environmentally friendly products can substantially extend the service life of your concrete, protecting from deterioration for decades not years.



This award-winning concrete waterproofing technology helps increase the durability & sustainability of concrete bridges; adding years to their service life. Because it forms a layer of protective gel below the surface (inside the concrete), this waterproofing system cannot be damaged or deteriorate. The result is the bridge deck & steel reinforcement bars now have long-term protection from weather & harmful chemicals. The fast & easy application (horizontal or vertical surfaces) means very short lane closure times. This product is designed to provide 15-years of waterproofing protection before needing to be re-applied.



**PROtectant +**



**PROtectant**



**Waterproofing Agent**



**CorrosionBLOK**

- > Fast & Easy Application
- > Prevents corrosion of Steel Reinforcement
- > Waterproofing gel seals both existing & future cracks
- > Vapor Permeable - Moisture won't get trapped!
- > Increases Durability!

