



# Surface Treatments

## Bridge Deck Waterproofing

Maintain the integrity and longevity of bridge decks with expertly delivered overlay waterproofing solutions

Bridges are critical infrastructure that require effective maintenance and protection to ensure their longevity and safety. Bridge Deck Waterproofing offers a reliable, **cost-effective**, **safety-driven** solution that will prevent ingress to ensure the integrity of bridge deck surfaces.



Minimise  
Disruption



Enhance  
Longevity



Increase  
Safety



[www.wjsurfacetreatments.com](http://www.wjsurfacetreatments.com)



# Bridge Deck Waterproofing

To maintain the integrity and longevity of bridges, it is crucial to waterproof the bridge deck to prevent water and mineral ingress. Our latest resin waterproofing system provides a solution that effectively safeguards the structure and substrate from damage.

WJ Surface Treatments specialize in delivering overlay waterproofing solutions for highway bridge decks. Our team of experts use proven materials and processes to provide protection for concrete bridge decks. We prioritize minimizing disruption and efficiently returning the bridge to service. Moreover, we ensure that resin and aggregate loading is applied at appropriate thicknesses to accommodate different vehicle or pedestrian traffic loads, meeting state specifications and enabling weight savings.

## Benefits

All new and existing bridges require bridge deck waterproofing treatments to protect against deterioration and costly repairs. Our system:

- Stops water from penetrating through bridge cracks, which leads to freeze-thaw damage
- Protects steel sections of the bridge from moisture and oxygen, which cause oxidation and corrosion.
- Prevents defrosting salt from passing through the cracks of a concrete bridge which will cause corrosion of the reinforcement. Moisture and chloride will deteriorate concrete bridge decks, cause cracking, scaling, and spalling, and eventually erode the steel bars within the concrete.
- Protects a bridge in the event of dangerous chemical leakage from tanker traffic, which can deteriorate concrete bridge decks.

## Features

- High strength, low modulus epoxy binder
- Approved to ASTM D6153-15-standards
- Rapid cure return to traffic formula
- Independent testing lab certification
- Convenient 1:1 mix ratio by volume
- Fixes cracks on bridge deck overlay applications
- Chemically resistant to fuel and antifreeze
- Made in the USA

