

# Ultraseal Bridge Deck Waterproofing



## Maintain, Preserve, Rehabilitate

Ultraseal Waterproofing System is a build in place, multilayer system used to protect bridges from chlorides, moisture and other harmful elements. Bridge repairs are costly and inconvenient. Ultraseal helps prevent deterioration of the bridge deck and underlying structure, saving money and ultimately extending the service life of your bridge.

### BENEFITS

Easy to apply

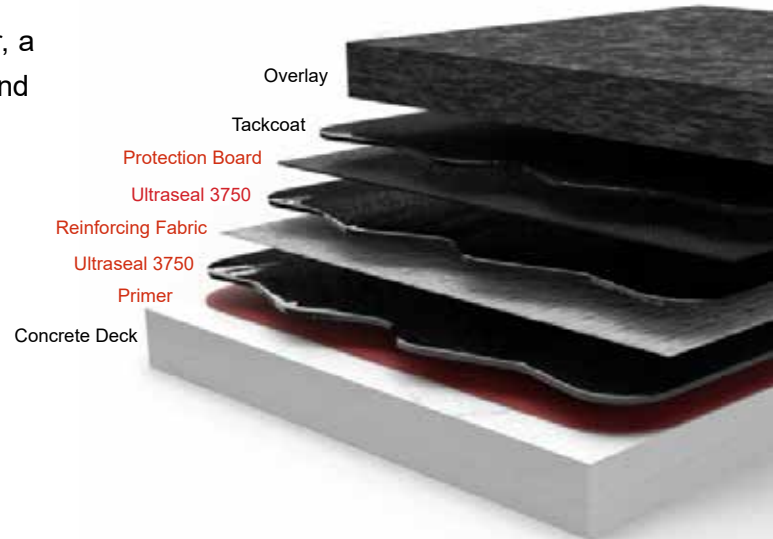
Cost-effective

Durable



## This simple solution is easy to apply, cost-effective and durable.

The Ultraseal Waterproofing System consists of a primer, a seamless hot-applied liquid membrane, reinforcing fabric and protection board. The watertight membrane is the core component protecting the bridge, while the reinforcing fabric provides extra strength around joints, surface irregularities and changes in plane. The semi-flexible protection board is applied over the membrane to block penetration by sharp aggregate. The final wear surface is an asphalt overlay of at least 2", with a tackcoat adhering the asphalt to the protection board.



### Ultraseal Protection Board

Ultraseal Protection Board is a semi-flexible core board, composed of mineral fortified asphaltic core between two outside layers of asphalt-impregnated fiberglass mat. Specifically designed to protect the membrane from penetration by sharp aggregate, the board preserves the integrity of the watertight membrane.



### Ultraseal 3750 Bridge Deck Membrane

Ultraseal Bridge Deck Membrane is a hot-applied waterproofing compound composed of synthetic rubber polymers and inert mineral stabilizers. It may contain reclaimed tire rubber and specifically selected asphalt cement and resins. These materials are homogeneously blended to produce a compound with excellent low temperature flexibility, elongation, resilience, and adhesion. Together, they create a waterproof seal designed to accommodate thermal movement.



### Ultraseal Reinforcing Fabric

Ultraseal Reinforcing Fabric is a spun bonded polyester fabric designed to provide strength for the Ultraseal 3750 waterproofing membrane. It is used over cracks, construction joints and changes in plane. It is also used between layers of membrane and over the entire area as a reinforced assembly.



### Ultraseal Primer

Ultraseal Primer is a penetrating spray consisting of selected asphalt, solvents and other modifiers blended to meet the requirements of CGSB 37-GP-9Ma. It is used to seal absorbent surfaces and improve the bonding characteristics of most asphaltic coatings and finishes prior to applying Ultraseal Bridge Deck Membrane. This primer is formulated to be used on asphalt, concrete and masonry surfaces.

©July 2024 CrafcO, Inc.