



Bridge Deck Waterproofing



MAINTAIN • PRESERVE • REHABILITATE



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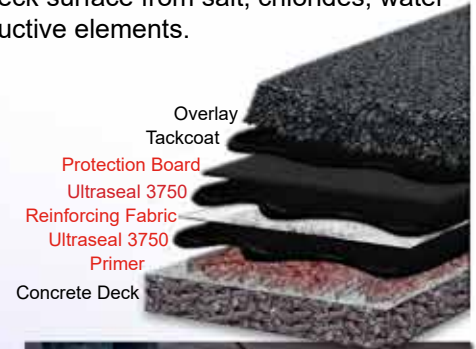
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Ultraseal Bridge Preservation Waterproofing System



Bridge failure due to water penetration

The Ultraseal Bridge Deck Waterproofing System is a complete system using the right materials to eliminate water infiltration into the deck. This seamless, fully-bonded system protects the bridge superstructure from deterioration by preventing water from delivering corrosive materials into the deck. The Ultraseal Waterproofing System is a built-up, multilayer system used to protect the bridge deck surface from salt, chlorides, water penetration and other harmful destructive elements.



Ultraseal Waterproofing System Components

ULTRASEAL PRIMER

Ultraseal Primer is a thin, penetrating primer 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 to improve the bonding characteristics of most asphaltic coatings and finishes. This primer is formulated to be used on asphalt, concrete and masonry surfaces.



ULTRASEAL 3750

Ultraseal 3750 Membrane is a highly modified, hot applied rubberized asphalt that has been specifically formulated to protect and waterproof bridge decks and parking decks. The membrane is homogeneously blended to produce a seamless system that has excellent low temperature flexibility, elongation, resilience and adhesion that accommodates the movements of thermal cycling.



ULTRASEAL REINFORCING FABRIC

Ultraseal Reinforcing Fabric is a spun bonded polyester fabric designed to be used as a standard reinforcing material for the Ultraseal 3750 waterproofing membrane. It is used to reinforce the membrane over cracks, construction joints, and surface imperfections. It is also used as an inner layer reinforcement between layers of Ultraseal 3750 membrane to form a completely reinforced, heavy duty waterproofing assembly.



ULTRASEAL PROTECTION BOARD

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

