

High Performance - Spray Applied

Bridge Preservation LLC

www.bridgepreservation.com

REF 13-049 **Product Name** Bridge Deck Membrane (BDM) **Recertification Due** 6/15/2022

Description Rapid setting, 100% solids, two-component polymer product. Bridge Deck Membrane™ is used as a waterproof membrane with dielectric properties for protection against typical corrosion conditions that exist on many rail and DOT structures.

Other Information Can be applied in temperatures down to -20°F without effect on setup time or curing.

D.S. Brown Company

www.dsbrown.com

REF 14-009 **Product Name** DeckGuard Membrane **Recertification Due** 6/9/2022

Description 100% solids two-component, bridge-grade elastomeric coating used to waterproof both steel and concrete bridge decks.

Other Information Install system when air and substrate temperature is above 34°F and substrate is above dew point. For installation below 34°F, contact the membrane manufacturer.

GCP Applied Technologies

www.gcpat.com

REF 98-008 **Product Name** Eliminator Membrane **Recertification Due** 10/31/2023

Description Rapid-curing, cold liquid spray-applied MMA resin material, flexible, chemical-resistant, and seamless.

Other Information Can be applied at ambient temperatures between 23 and 86 degrees Fahrenheit. Other factors such as relative humidity levels may also need to be taken into account. Various grades adapted to extreme application environments are available.

Wasser Coatings, Inc.

www.wassercoatings.com

REF 14-063 **Product Name** Wasser Polyflex Bridge System **Recertification Due** 1/30/2023

Description A multi-component, high-performance, spray applied bridge deck protection system. A polyurea membrane that bonds to the bridge deck providing waterproofing and corrosion protection.

Other Information Minimum curing temperature of primer is 41°F (5°C).

High Performance - Torch Applied

Soprema Roofing and Waterproofing

www.soprema.us

REF 96-014 **Product Name** Sopralene Flam Antirock Membrane **Recertification Due** 10/31/2023

Description Waterproofing membrane made up of a non-woven polyester reinforcement and elastomeric bitumen (SBS modified bitumen). The top face is covered with colored granular, the under face is covered with a thermofusible plastic film. Sopralene Flam Antirock is torch applied.

Other Information The hot asphalt overlay should be between 290 - 320°F at the time of application.

IKO

www.iko.com

REF 00-056 **Product Name** Armour Bridge Membrane **Recertification Due** 10/31/2023

Description Non-woven polyester reinforcing mat that is coated and impregnated with Modiflex SBS modified bitumen to a thickness of approximately 4.5 mm (177mils).

Other Information The hot asphalt overlay should be between 290 - 320°F at the time of application.

Standard System

CIM Industries Inc.

www.cimindustries.com

REF 73-000 **Product Name** C.I.M. 1000 Membrane **Recertification Due** 10/31/2023

Description System form continuous elastomeric barriers to water and most chemical solutions. Two liquid components are mixed on the job site just prior to cold application by squeegee, roller or spray. Liquid cures quickly to form a seamless asphalt-extended polyurethane membrane. CIM 1000 is unaffected by the wood preservative known as pentaclorophenol. Complies with State of Maine VOC regulations.

Other Information "CIM Epoxy Moisture Tolerant Primer" recommended to limit outgassing/bubbling on porous substrates. Consult with Distributor prior to use.

REF 13-077 **Product Name** Ultraseal 3750 MTO Membrane **Recertification Due** 11/16/2019

Description Ultraseal 3750 MTO Bridge Deck Membrane is a hot applied waterproofing compound specially formulated to protect and waterproof bridge decks. The Ultraseal Waterproofing System is a built-up multilayer system used to protect the pavement surface from chlorides, water penetration and other harmful materials. Intended to be used with 2" minimum pavement overlay.

Other Information Application of primer and installation of waterproofing system and pavement overlay shall be undertaken only during stable weather when precipitation has not occurred during the previous 48 hours and is not imminent, and when the minimum ambient and concrete surface temperature is 40°F (5°C) and rising. For installation below 40°F (5°C), contact the manufacturer.

REF 98-060 **Product Name** Mel-Dek Deck Waterproofing System **Recertification Due** 10/31/2023

Description Sealtight Mel-Dek is a roll-type waterproofing membrane composed of a nominally 53 mil thick layer of polymeric waterproofing membrane on a shrink-resistant, heavy-duty, 12 mil thick polypropylene woven carrier fabric. The two components are laminated together. Substrate surfaces shall be primed with MEL-PRIME W/B (low VOC) from W.R. Meadows. Primed areas not covered within 24 hours shall be re-primed prior to membrane application.

Other Information The hot asphalt overlay should be between 290°F - 340°F at the time of compaction. A minimum 2 inch compacted overlay thickness is required.

REF 72-000 **Product Name** Royston 10AN Easy Pave **Recertification Due** 10/31/2023

Description ROYSTON BRIDGE MEMBRANE 10AN EASY PAVE is a prefabricated reinforced laminate consisting of an impregnated fiberglass, non-woven, high strength inner mat sandwiched between layers of a polymer modified bitumen. An "open" spun-bonded polyester top mat provides ease of installation, mechanical protection against foot and vehicular traffic and instant adhesion to the compacted pavement interface. A unique 3-inch leading edge guarantees a positive compound-to-compound seal at the overlap. Transverse seals are easily made using a simple propane torch.

The membrane shall include the use of Royston's Roybond 713B low VOC adhesive applied according to the manufacturer's specifications. The membrane should be applied at ambient temperatures of 35°F or higher.

Other Information The hot asphalt overlay should be between 290°F and 340°F at the time of application. A minimum of 1-1/2 inches of compacted asphalt is desirable.

Standard System - Cold Applied

Protecto Wrap Co.

www.protectowrap.com

REF 71-000 **Product Name** M-140A (R) Membrane **Recertification Due** 10/31/2023

Description Bridge deck waterproofing membranes manufactured from a formulation of premium bituminous resins modified with synthetic resins. This rubberized asphalt is then reinforced with an inert reinforcement to withstand puncture and severe stress. M-140A(R) is 60 mils thick. M-400A(R) is 70 mils thick with a built in white reflective topping. M400A (R) is specially designed for hot-weather bridge deck applications and where heavy equipment will be driven on the deck immediately after membrane installation. The membrane systems shall include the use of Protecto Wrap No. 80 VOC Primer and Protecto Wrap No. JS160H Mastic.

Other Information The hot asphalt overlay should be between 275°F - 300°F. Maximum hot mix asphalt aggregate size should not exceed 1/2" for M-400A(R).

See Product Acceptance Criteria for more information: [WPM Product Acceptance Criteria and Information](#)