

Pitchmastic PmB Bridge Deck Waterproofing System

The Need For Effective Bridge Deck Waterproofing Solutions

Bridges are under constant attack from environmental issues such as water, chlorides, acid rain, temperature fluctuations, de-icing processes, and freeze-thaw cycles. Extreme weather and the impact of traffic and vibration place bridges under further stresses not inflicted on other structures.

Due to the extent of such attacks, if not adequately protected, the steel reinforcing bars or stressing tendons are liable to corrode and expand. This leads to cracking and spalling of the concrete and an accelerated rate of deterioration to the structure. The costly disruption of the inevitable repair work on North America’s rail and highway network impacts both the economy and public safety.

The Solution:

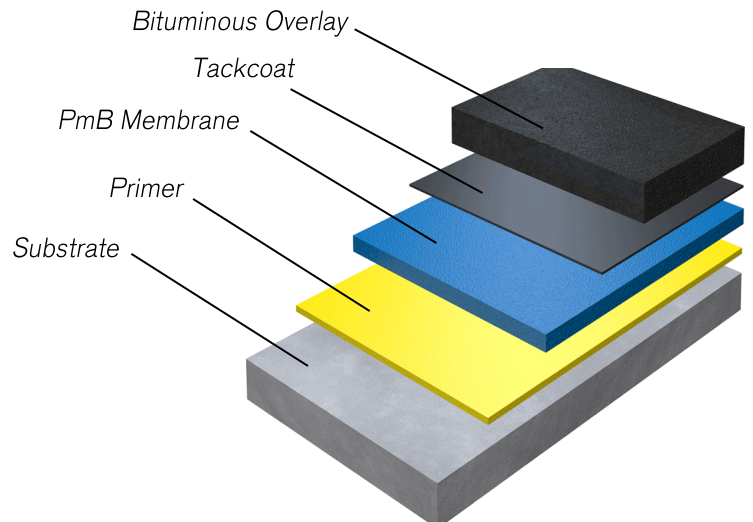
Protect the bridge with a high-quality elastomeric bridge deck protection system from Pitchmastic PmB, either at the construction phase to achieve dramatically enhanced life-cycle efficiencies, or as a rehabilitation measure to prevent future water penetration and concrete deterioration.

Advantages:

- 100% Polyurethane (containing no fillers or additives)
- VOC-free
- Exceptional bond strength
- Unrivalled elastomeric capability for superior crack bridging capability
- Abrasion and chemical resistant
- Water vapor and gas permeable
- Resistant to root and microbial attack
- Provides sound insulation
- Rapid cure for rapid return to service



Set Time	5-8 seconds gel time
Tack-free Time	Approximately 1 minute
Walkable	Approximately 10 minutes
Elastomeric	Approximately 45 minutes



Storage

Store material overnight to precondition to between 70 and 80°F (21 and 27°C) prior to use.

Environmental Protection

Cured material is environmentally safe. Dispose of in accordance to appropriate regulations. Clean up any spilled catalyzed liquid material and dispose of according to local, state and federal regulations.

Shipping

Shipping Class: Motor Freight Class 60

Hazard Classification: Corrosive. Class 8. UN 1760.

Health & Safety

Safety

Safety Glasses, gloves, avoid skin contact, do not ingest, for professional use only, see SDS. For use in well ventilated areas only to keep vapor concentrations low. Use mechanical ventilation if necessary. Use self contained breathing apparatus in confined areas.

First Aid

Eye Contact: Immediately flush with large amounts of water.

Seek medical attention. **Inhalation:** Move to fresh air if symptoms occur. If breathing is difficult, seek medical attention. **Ingestion:** Seek medical attention immediately.

Skin Contact: Wipe off contaminated area and wash with soap and water immediately.

Manufacturing

Products are manufactured by Prime Resins, Inc. in the U.S.A. under strict quality assurance practices at our Conyers, GA plant.

Warranty & Disclaimer

Prime Resins, Inc. warrants its products to be free from manufacturing defects and that products meet the published characteristics when tested in accordance with ASTM and Prime Resins standards. No other warranties by Prime Resins, Inc. are expressed or implied, including no warranty of merchantability or fitness for a particular purpose. Prime Resins, Inc. will not be liable for damages of any sort resulting from any claimed breach of warranty. Prime Resins' liability under this warranty is limited to replacement of material or refund of sales price of the material. There are no warranties on any product that has exceeded the "shelf life" or "expiration date" printed on the package label.