

Plastifloor® 800 BD

Waterproofing Bridge Deck Protection
under asphalt wearing layers.

Plastifloor® PUMMA resins are able to offer a wide range of high performance bridge decking solutions.

Based on the fast curing and incredibly durable methyl methacrylate (MMA), PUMMA and urethane modified resin technology, these resin systems are ideal for high traffic areas and help overcome the installation challenges resulting from long periods of inclement weather. Elastic crack-bridging properties under a wide range of temperatures, resistance to chlorides and aggressive chemicals such as fuel, oils and hydraulic fluids, speed of installation and outstanding durability are some of the most important factors that customers expect, so our systems have been developed to offer highest performance in all of these areas.

The Plastifloor® 800 Bridge Deck Waterproofing System will provide an effective waterproof layer to the concrete bridge deck.

PROTEKTION SOLUTIONS FOR CONCRETE BRIDGE DECK

System structure

1. Plastifloor® 112/118 BD Primer + broadcasted (QS 0.3–0.8 mm)
2. Plastifloor® 800 BD Waterproofing layer
3. Plastifloor® 418 BD Tack coat broadcasted with quartz sand
4. Wearing course: hot mixed asphalt / asphalt concrete

SOLUTIONS

- New liquid applied membrane Plastifloor® 800 BD Waterproofing
- urethane modified resin, based on methyl methacrylate
- installation at temperatures down to -20°C
- high flexibility at very low-temperatures
- Elastic crack-bridging properties under a wide range of temperatures
- Fast application / fast curing
- Short down time

ADVANCED SYSTEM

- Light-weight system
- Customized solution
- For concrete decks in new construction and for refurbishment
- Variety of Primers to suit each exposure
- VOC compliant and contains no solvent
- Setting and Curing times may be adjusted to suit ambient and site conditions
- Good bonding and high shear strength to asphalt under different application temperatures
- Global technical support

Data concerning our products and devices as well as concerning our data and procedures are based on an extensive research work and an application technology experience. We obtain these results, with which we do not take over adhesion going beyond the respective single contract, in word and writing after best knowledge, reserve ourselves we however technical changes in the course of the product development. Beyond that our application technology service stands when desired for large consultation as well as for co-operation with the solution manufacturing and application technology problems for order. That does not relieve the user however to examine our data and recommendations before their use responsible for the own use. That applies - particularly for deliveries to foreign markets - also regarding the keeping of patent rights third as well as for applications and procedures, which are not expressly in writing indicated by us. The case of loss our adhesion is limited to indemnifications of same extent, as they plan our general terms of delivery and sales with lack of quality.