

# BRIDGE DECK SYSTEM



## DESCRIPTION

Pexicoat MMA's Bridge Deck System is a fast curing thin slurry overlay. It is a pre-packaged system ideal for concrete and steel bridge decks and other concrete structures. Bridge Deck System is comprised of a blended aggregate filler that forms a slurry when mixed with the polymer resin and broadcast with a coarse-wearing aggregate for vehicular/pedestrian traffic.

## WHERE TO USE

- Footbridge
- Walkways
- Ramps

## BENEFITS OF THE SYSTEM

- Fast Cure (Approximately One Hour)
- Waterproof system
- Wide Application Temperature Range (-20°F - 104°F)
- Steel and Concrete Compatible
- Easy Application
- Anti Slip
- High Early Strength
- Strong Bond
- High Elasticity
- UV Light Resistant
- Freeze-Thaw Resistant
- Chemical Resistant

## APPLICATION GUIDE

Pexicoat MMA's Bridge Deck System is applied using a single application slurry method. It is easy to handle and does not require any specialized installation equipment.

It can be used as a wearing surface on various types of structures:

- Concrete Bridge Decks
- Steel Orthotropic Bridge Decks
- Parking Garages
- Ramps and Sidewalks

## HEALTH & SAFETY

- Always wear appropriate PPE including Gloves, Goggles, Safety Boots, Hard Hat, Reflective Vest and Barrier cream to avoid contact with the skin
- Ensure adequate ventilation or suitable respiratory equipment, use face masks if working in confined spaces
- NO VOC'S or Isocyanates are in our systems and are non-harmful to Aquatic Life
- Do Not Expose to Naked Flames or Fire during application

Please refer to the MSDS sheets for further information.

## TECHNICAL PROPERTIES

PROPERTY	STANDARD TEST METHOD	RESULT
Tensile Strength	DIN EN ISO 527	6 MPa
Compressive Strength	DIN EN ISO 604	12 MPa
Elongation at Break	DIN EN ISO 527	2.3 %
Elastic Modulus	DIN EN ISO 527	920 MPa
Impact Strength	EN ISO 6272	4 Nm
Wear Resistance	PrEN 13892-4	<10 um
Slip Resistance	BGR 181 and DIN51130	R11 to R13 and V6 to V10
Water Absorption	ASTM D570	<0.1%
Physical Inoffensiveness	EU Regulations 1935/2004	Test Report Number 26050 U 08 the coating system is physiologically safe, suitable for food processing companies.

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