



PUR BRIDGEDECK™
BRIDGE & DECK SYSTEM

BRIDGE

PurFlex 111 is a two-components 100% solid Polyurethane primer for the PurFlex waterproofing membrane. It can be used as a high-performance elastomeric primer on concrete as well as on steel.

ADVANTAGES

- No induction time
- 100% solid
- Excellent adhesion to blasted steel or concrete
- Low viscosity odorless
- Fresh and salt water resistant
- Pinhole and bubble free surface
- Applied by spray, roller, squeegee or brush
- Surface tolerant
- Long working time
- Can be recoated with itself

PRIMARY APPLICATIONS

- | | | |
|---------------------------|--------------------------------|---|
| Bridge deck | Industrial flooring | Water and wastewater treatment facilities |
| Concrete and steel primer | Chemical plants and refineries | Mining and fertilizer plants |

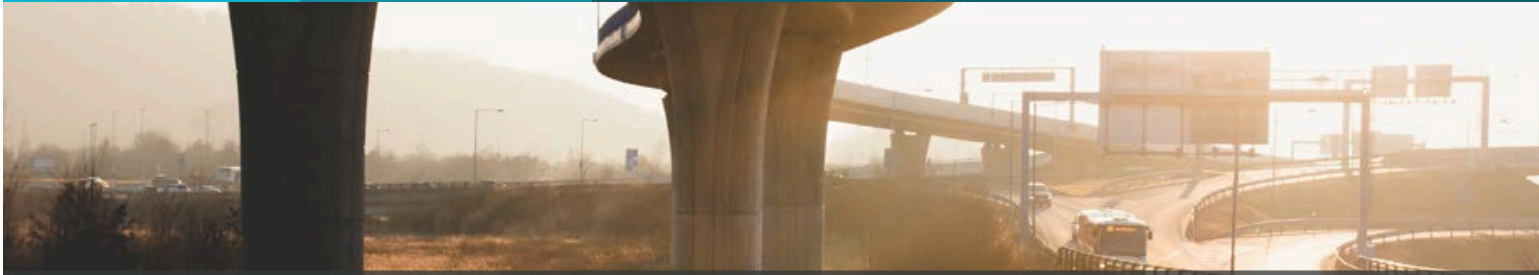


APPLICATION METHODS

Can be applied by spray, squeegee, roller or brush. Apply at a rate of 150 to 200 square feet per gallon on concrete.
Plural pump mix : Use a 1 :1 plural component pump with impingement spray gun or with a static mixer.

TECHNICAL DATA

Solids by volume:	100 %	To recoat:	2 hours	Pot life:	30 minutes after mixing at 25°C (77°F) Higher temperature will shorten pot life.
Solids by Weight:	100 %	Hard:	16 hours	Shelf life:	12 months @ 25°C (77°F) unopened
DRY FILM THICKNESS		Reduction solvent (if necessary):	UC-500 10% by volume	Packaging:	3.78 L (1 US gallons) / 18.93 L (5 US gallons)
Concrete:	8 -10 mils 200 – 250 microns	Catalyst:	111C		
Steel:	3 – 5 mils 75 – 125 microns	Mixing Ratio:	1:1 by volume		
V.O.C.:	None				



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PurFlex 57 is a high performance elastomeric polyurethane coating that was specifically designed in order to provide durability to floors by manual methods of application. It will also provide excellent waterproofing properties.

ADVANTAGES

- Low odor
- Excellent hardening at low temperature
- Good elasticity and flexibility
- High film build in one coat
- Excellent waterproofing of concrete
- Can be used as full coating or as a concrete block filler
- Applied by brush, roller or squeegee
- Great coverage
- Provide a seamless high build durable coating
- Cures temperatures down to - 10°C (15°F)
- Excellent impact resistance

PRIMARY APPLICATIONS

- | | | |
|-------------|---------------------|---------------------|
| Showrooms | Parking Deck | Zoos |
| Auditoriums | Locker rooms | Manufacturing plant |
| Warehouse | Amusement parks and | |



APPLICATION METHODS

The coating is applied using a trowel, a doctor blade or a squeegee. Over rolling with a spiked roller over it to avoid bubbles forming of the coating and promotes further leveling.

TECHNICAL DATA (MAY VARY FOR DIFFERENT COLORS)

Colors available: Any color
 Gloss: High Gloss (80°+)
 * Solids by volume: 92 - 96 %
 * Solids by Weight: 94 - 98 %

Theoretical Coverage of 1 mil:
 1508 ft² / U.S gallon

D.F.T. at 25 microns: 139 m² / 3.78 liters

Recommended WFT: 21 - 32 mils*
 Dry film thickness: 20 - 30 mils*
 *depend on the application

Kit Viscosity: 90 - 110 ku
 Kit Specific gravity: 1.1 - 1.3 kg/l
 Flash Point: ≥38°C (≥100°F)
 V.O.C.: 50 grams/liter
 0.42 lbs/US gal

DRYING TIMES (20°C) BASED ON 20 MILS (0,5 MM) DFT

Tack free: 1 ½ - 2 hours
 To recoat: 5 - 6 hours
 Hard: 8 - 12 hours

Pot Life: 50 - 60 minutes

Reduction solvent: Not necessary

Catalyst: Catalyst 57C

Mixing Ratio: 1:1 by volume
 Shelf life: 24 months @ 25° C unopened

Packaging Base: 3.78L (1 US gallon)
 Packaging Catalyst: 3.78L (1 US gallon)