

Polyflex 111 PU Primer

polyurethane

WASSER
ADVANCED COATINGS TECHNOLOGY

Product Description

Wasser Polyflex 111 PU Primer is a two-component, 100% solids, polyurethane primer used in conjunction with the Polyflex line of high performance waterproofing membranes. It can be used as an elastomeric primer for concrete as well as steel.

Product Features

- No induction time
- 100% solids
- Low viscosity
- Odorless
- Pinhole and bubble free surface
- Excellent adhesion to blasted steel or concrete
- Applied by brush, roll, or spray
- Extended working time
- Surface tolerant

Area of Use

Substrates

- Steel
- Concrete
- Wood

Possible Uses

- Bridge Deck
- Secondary Containment
- Water and Waste Water Treatment
- As a primer for Wasser Polyflex 50 series

Ready Reference Information

Color:	Amber	Recommended dry film thickness/coat:	
Type of cure:	2 components	Concrete:	8-10 mils (200-250 µm)
Resin Type:	Polyurethane	Steel:	3-5 mils (75-125 µm)
Ratio:	1:1	Theoretical Coverage:	At 1 mil: 1604 ft ² /gal (At 25 µm: 39.4m ² /l)
Catalyst:	WP111 A	Pot Life:	30 minutes @ 77°F (25°C)
Solids by volume:	100%		
Solids by weight:	100%		
V.O.C.:	None		
Viscosity:	200-800cps (A) / 400-800cps (B)		

DRY TIMES

To Touch	1 hour
Re-coat Minimum	1 hour
Re-coat Maximum	24 hours
Hard Dry	24 hours

Recommended Systems

Concrete Bridge Deck Waterproofing System:

Polyflex 111 PU Primer
Polyflex 311 Membrane
Polyflex 411 ShearCoat
Polyflex 511 TackCoat

*** Min. cure temp: 41°F (5°C)**

**These values are based upon tests conducted over concrete by Wasser or a third-party laboratory. Results may vary depending on environmental and project site conditions.*

**Other Systems are available. Contact your Wasser Representative to answer any questions.*

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Surface Preparation

See Wasser's Polyflex Elastomeric Coatings Installation Procedure. Follow SSPC-SP13/NACE No.6 for Concrete, SSPC-SP10/NACE No.2 for Steel.

Application Information

Concrete/Steel:

Concrete must be cured at least 28 days @ 75°F(24°C). Remove all loose or foreign material. Surface must be free of concrete laitance, dirt, dust, release agents or any hardeners used during installation. For new or existing steel, Polyflex 111 PU Primer can be applied directly to the surface provided a near white surface is achieved (SSPC-SP6/NACE No.2). Apply Polyflex 111 PU Primer at recommended spread rates using brush, roll or spray.

Mixing Instructions

Mix contents of each component of Side A & Side B thoroughly. Combine 1 part, by volume, of Part A with 1 part, by volume, of Part B. Agitate until the mix is homogeneous and for no more than 2 minutes.

Mixing Instructions for Accelerator (WP67.0)

Only accelerate WP111 Part B when the exact dry time of the unadjusted material is known and does not meet on-site schedule requirements. If acceleration is required, add the following amounts to 5 gallons of Part B before mixing in the Part A. Follow mixing instructions from above.

	20°-60°F	60°-100°F	>100°F
Brush & Roll	4 oz. (125 ml.)	2 oz. (62.5 ml.)	N/A
Airless (Hot Boxing)	8 oz. (250 ml.)	4 oz. (125 ml.)	N/A
Plural with Impingement Or Static Mix	16 oz. (500ml.)	16 oz. (500 ml)	N/A

Ordering Information

Product Numbers: WP111 A (Catalyst)
WP111 B (Resin)
WP67.0 (Accelerator)

Package Size: 5 gallon pails (10 gallon sets)
55 gallon drums (110 gallon drum sets) Order in sets only

Shelf Life: 1 year stored @ 45°F - 80°F

Safety Precautions

Precaution:

See the material safety data sheet and product label for complete safety and precaution requirements.

"The following is made in lieu of all warranties, expressed or implied: Manufacturer's obligation shall be to replace such quantity of the product proven to be defective.

The manufacturer shall not be liable for any injury, loss or damage, direct or incidental or consequential, arising out of the use of or the inability to use the product.

Before using, the user shall determine the suitability of the product for the intended use and the user assumes all risk and liability whatsoever in connection therewith.

All values shown are approximations. Values indicated are for guide purposes only, as actual values can change due to application conditions, application methods, environmental conditions etc.

The information contained herein is subject to change without notice." Contact your Wasser Representative for current Product Data Sheets.