

Polyflex 205

polyurea

WASSER[®]
ADVANCED COATINGS TECHNOLOGY

Product Description

Wasser Polyflex 205 is a two component polyurethane based mastic to retouch polyurea Wasser Polyflex membranes. Can be used as concrete block filler, crack repairs and pitted steel.

Product Features

- Fast drying
- Easy to use, 1 to 1 mix ratio
- High in solids
- Excellent adhesion
- Provides good waterproofing

Area of Use

Substrates

- Concrete and CMU
- Steel

Possible Uses

- Can repair polyurethane or polyurea membranes
- Filler for pinholes
- Fill cavities in concrete (bug holes) before applying a Wasser Polyflex membrane
- Can be used to repair cracks in concrete
- Filling pitted steel

Ready Reference Information

Color: Available in many colors

Type of cure: 2 component

Binder: Polyurethane

***Solids by volume:** 100%

***Solids by weight:** 100%

V.O.C. None

Resin viscosity: 70 000 CPS @ 25°C (77°F)

Catalyst viscosity: 5000 CPS @ 25° (77°F)

Recommended dry film thickness/coat:
20-40 mils (500-1000 µm)

Theoretical Coverage:
At 1 mil: 1,604 ft²/gal At 25 µm: 149m²/gal

Ratio: 1:1

Catalyst: WP205C

Pot Life: 15 minutes

DRY TIMES

Gel Time	15 minutes
Tack Free	1 hour
Re-coat	2 hours
Hard Dry	24 hours

- Product should not be applied at sub-zero temperatures; values may change with climate conditions.
- Product should be applied at around 5 °F (3 °C) above the dew point.
- Use acetone for better inter-coat adhesion results when and if necessary. A test patched is advised to verify the adhesion performance.

Recommended Systems

Used with primers:

MC-Universal 100

Compatible Coatings

Can be top-coated with all Wasser Polyflex products

**Note: Other systems are available. Contact your Wasser Representative to answer any questions*

SURFACE PREPARATION

See Wasser's Polyflex Elastomeric Coatings Installation Procedure.

For Polyurea and/or Polyurethane membranes*:

Roughen the surface of Wasser Polyflex with 40 grit (or less) abrasive, remove dust with a dust rag or vacuum and then with a damp cloth.

Make sure the surface is clean, dry and dust free before the application. Clean the surface with acetone, let the acetone evaporate and apply Wasser Polyflex 205.

For concrete*:

Make sure the concrete surface is dry and clean and dust free. If a hardener was used in the concrete, it must be roughened with a Blastrac machine or equal impact tools. Direct or primed applications can be done. (Blastrac is a registered trademark of the Wheelabrator Corporation).

CLEANING INSTRUCTIONS

Cleaning agent: Toluene, Xylene, MEK. To reduce the risk of fire, use glycol ether acetate or any environmentally friendly chlorinated solvent

MIXING

First, mix the resin 205 until it is homogeneous

Secondly, add the 205C catalyst with a ratio 1:1 by volume and mix well. Ensure that the side of the can is scraped and well mixed, the product is ready for use.

Dilution: not recommended

Application Information

Apply with a squeegee, spatula or brush. A second coat may be necessary depending on use and conditions of the substrate.

Ordering Information

Product Numbers: WP205C (Catalyst)
WP205B (Resin)

Package Size: 250 ml (1/16 US gallon)
946 ml (quarts)

Shelf Life: 1 year

Flash Point: 300.2° F (149°C)

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.