



Product Information

ConPrime is a two component, high solids, liquid applied primer with unique penetrating characteristics. It is designed to be used on porous substrates. ConPrime may be diluted to reduce viscosity and has a working time fo 45 minutes. ConPrime may be used with rapid curing polyurea sealants and spray coating systems and is designed for interior and exterior priming.

Features

- High Solids
- Low Viscosity
- Low Odor
- Fast Re-Coat Time
- Penetrating primer
- Reduces pinholes
- Increases coating adhesion
- Reduces MVE in concrete

Limitations

ConPrime should be coated within 12 hours after it has become tack free. Not UV stable. Surfaces must be dry, clean and free of foreign matter. Containers that have been opened must be used as soon as possible. ConPrime is difficult to clean up after it has cured. Mix no more material than can be used within 20 minutes.

Packaging

2 Gallon Kit

1 Gallon Part-A (Isocyanate) and 1 Gallon Part-B (Resin)

10 Gallon Kit

5 Gallons Part-A (Isocyanate) and 5 Gallons Part-B (Resin)

Products are packaged by weight, so final package volume is a close estimation.

Product Use

Designed for use as a primer for porous concrete substrates and can be sprayed or applied as a squeegee, roller or brush.

Surface Preparation

All surfaces must be free of oil, grease, dirt and other contaminants.

Coverage Rate

The approximate coverage is 300 sqft/gallon. Coverage rate will depend on surface roughness and porosity.

Application of ConPrime to concrete has been shown to reduce the MVE to an acceptable level of < 3 lbs/1000 ft² per 24 hours.

Physical Properties

Mix Ratio by Volume	1A : 1B
Gel Time	45-60 Minutes
Tack Free Time	1-3 Hours
Recoat Time	upto 72 hours
Adhesion to concrete, ASTM D7234	>300
Viscosity at 75F	400-600 cps
Dry Film Thickness per Coat	1 gal/300 sqft

The values stated in this data sheet are produced under controlled laboratory conditions.

Safety and Storage

For in-depth information on product safety and precautions, please review the product SDS sheets. Prior to using the product, ensure that you have the proper personal protection equipment (PPE) available. This includes but is not limited to the following items:

- Safety Glasses with a splash shield
- Minimum Organic Cartridge Respirator
- Rubber or Nitrile Gloves
- Disposable or Reusable Long Sleeve Overalls
- Rubber or leather boots

Always be sure to follow the precautions listed below when using the material:

- Do Not use near high heat or open flame
- Do Not take internally
- Keep out of reach of children

ConPrime has a shelf life of 12 months from date of manufacture, in factory-sealed containers. Part-A and Part-B drums must be stored above 60°F. Store containers on wooden pallets to avoid direct contact with the ground.

Installation

ConPrime should be applied at the rate of 1 gallon (mixture of Side-A & Side-B)/300 sqft (0.14 liters/sqm). Coverage rate will depend on surface roughness and porosity. It can be applied using an airless sprayer, brush, or phenolic resin core roller. Do not allow the material to puddle.

Allow ConPrime to become tack free before applying the coating. Approximate tack free time is 2-4 hours at 75°F (24°C) and 50% relative humidity. If the primer has been allowed to remain tack free for more than 12 hours, it is necessary to solvent wipe surface with VOC-compliant solvent and reprime the surface.

Recommended surface temperature should be greater than 50°F (10°C) and at least 5°F (3°C) above the dew point. ConPrime is very sensitive to heat and moisture. Higher temperatures and/or high humidity will significantly accelerate the cure time and pot life. Use caution in batch sizes and thickness of application.

Low temperature and/or low humidity extend the cure time.

Product Mixing

Must be installed using a 1:1 ratio. ConPrime may be mixed as a 1:1:1 blend with acetone to reduce viscosity and extended working time. Carefully proportion amounts and mix for one full minute—use a wooden stir stick or low-speed drill, scraping the bottom and sides of the mixing vessel. Incomplete homogenization will result in improper cure. Do not over mix.

Clean-Up / Disposal

Excess material can be mixed together at the proper ratio and disposed of without restriction once cured. Product containers may be disposed of according to local, state and federal laws.

Equipment should be cleaned with an environmentally safe, urethane-grade solvent (alcohol free) as permitted under local regulations immediately after use.

Technical Support

For technical support, please call 317-209-1111 Monday to Friday between the hours of 8am – 5pm EST. You may also send an email anytime to sales@mccind.com.

Warranty

At its sole election, American Manufactured Poly LLC (the company) will refund the price of or replace product it finds to be defective provided the product has been used properly and installed by a certified American Manufactured Poly LLC applicator. Except as expressly stated above, the company makes no warranty of merchantability and no warranty of fitness for any particular purpose; nor does it make any warranty, express or implied, of any nature whatsoever with respect to the product or its use. In no event shall the company be liable for delay caused by defects, loss of use, indirect, special or consequential damages, or for any charges or expenses of any nature incurred without its written consent.

Other Information

Warning - This product contains Isocyanates and Curative Material.

Distributed by:
MCC Equipment and Service Center
2705 E Main St
Plainfield IN 46168

317-209-1111

Email: sales@mccind.com
Web: www.mccind.com

Created Date: 04/01/2020

Revised Date: 04/01/2020

Notes: Not Available