

# KEMKO® MULTIPRIME

## Modified Urethane Primer

### TECHNICAL DATA SHEET

FOR PROFESSIONAL CONTRACTOR USE ONLY

Kemko MultiPrime is a two-component isocyanate and resin-blend primer that can be used on a variety of porous substrates. To reduce viscosity, MultiPrime may be diluted with dry acetone. The primer has a working time of 45 minutes. Ponding on the surfaces shall be avoided.

**TYPICAL USES:** MultiPrime may be used with ChemCo Systems rapid curing polyurea sealants and spray coating systems. This product is designed for use in both interior and exterior priming situations.

### FEATURES

- No VOC's
- 100% solids
- Low viscosity, Odorless
- Penetrating primer / sealer
- Reduces pinholes in porous substrates
- Increases adhesion of coating to concrete
- Reduces MVE in concrete
- Can be applied to green concrete
- Applied by spray, squeegee, roller, or brush

### APPLICATIONS

- Porous substrates, concrete and urethane foam
- Primer/Sealer

### PACKAGING

10 Gallon Kit  
5 gallons of "A" side; 5 gallons of "B" side

2 Gallon Kit:  
1 gallon of "A" side; 1 gallon of "B" side

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

### COLORS

Supplied clear, can be pigmented upon request, or with a fluorescent pigment for non-contact pinhole detection with UV type light.

### TECHNICAL DATA

PHYSICAL PROPERTIES	TEST METHOD	VALUE
Mix Ratio by Volume		1:1
Gel Time		45-60 minutes
Tack-Free Time		1-3 hours
VOC Content		0
Solids Content		100%
Recoat Window		up to 72 hours
Adhesion to concrete	ASTM D7234	>300 psi

Application of MultiPrime to concrete has been shown to reduce the MVE to an acceptable level of < 3 lbs/1000 ft<sup>2</sup> per 24 hours, ASTM F1869 (Calcium Chloride test).

### COVERAGE RATES

Mils	10	15	50	60	80
Sq. Ft.	160	107	32	27	20

The above figures are estimated coverage rates and can vary on the substrate condition and texture.

### MIXING

Must be installed using a 1:1 ratio plural high-pressure, heated pump, fitted with high-pressure impingement mix spray gun. The proper necessary equipment can vary by the individual application. Contact ChemCo Systems for more support.

## PREPARATION AND INSTALLATION

Coating performance and adhesion are directly related to surface preparation. Many surface-coating failures can be attributed to improper surface preparation. Coatings are partially dependent on the integrity and structure strength of the substrate. A properly prepared substrate should be cured at least 30 days and should be clean. Be sure the surface is free of contaminants, including but not limited to dust, dirt, oil, grease, rust, and corrosion. Random cracks, construction joints, and damaged control joints should be properly repaired prior to application. Vacuum or air blast out the remaining concrete dust prior to installing MultiPrime. All horizontal or vertical concrete or masonry surfaces should be abrasive blasted. For further details, please review the material processing and handling information.

## SHELF LIFE

A properly stored product in original, unopened factory containers, kept at a temperature above freezing should have a shelf life of 12 months from the date of shipment.

## SAFETY

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



**Limited Warranty:** Please read all information in the General Guidelines, Technical Data Sheets, Guide Specifications and Safety Data Sheets (SDS) before applying material. These products are for professional use only and preferably applied by professionals who have prior experience with ChemCo Systems materials or have undergone training in application of ChemCo Systems materials. Published technical data and instructions are subject to change without notice. Contact your local ChemCo Systems representative or visit our website for current technical data, instructions, and project specific recommendations.

ChemCo Systems warrants its products to be free of manufacturing defects and that they will meet ChemCo Systems' current published physical properties. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties by ChemCo Systems of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. ChemCo Systems shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. ChemCo Systems shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. ChemCo Systems reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

**Disclaimer:** All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and ChemCo Systems makes no claim that these tests or any other tests accurately represent all environments. ChemCo Systems is not responsible for typographical errors. © 2021 ChemCo Systems. All rights reserved. Revision 20211213.EA

## 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.

## TECHNICAL SUPPORT

Additional information, technical assistance, and management services are also available from a ChemCo Technical Consultant.