



Division of Sierra Corporation  
ISO 9001:2008 Certified

# TK-HYDROMAX® 2003 RUBBERIZED WATER BASE FOUNDATION COATING

Waterproof Coating | Meets Federal EPA's VOC Requirements

## Technical Data

### 1. PRODUCT NAME

TK-HYDROMAX® 2003  
RUBBERIZED WATER BASE  
FOUNDATION COATING

### 2. MANUFACTURER

TK PRODUCTS  
DIVISION OF SIERRA CORPORATION  
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Minnetonka, MN 55343  
952-938-7223  
952-938-8084 (FAX)  
E-mail: [tksales@tkproduct.com](mailto:tksales@tkproduct.com)  
Website: <http://www.tkproduct.com>

### 3. PRODUCT DESCRIPTION

TK-HYDROMAX® 2003 RUBBERIZED WB FOUNDATION COATING is a rubberized latex copolymer formulation for waterproofing below-grade poured concrete, CMU, precast concrete and insulated concrete forms (ICF) and preventing the penetration of water and chemicals. It bridges small cracks up to 1/6" thick, to prevent the penetration of water and other chemicals through the wall.

While TK-HYDROMAX® 2003 RUBBERIZED WB FOUNDATION COATING was designed to be applied to the exterior of the wall, its neutral coloring allows for application to the interior as a decorative coating with additional moisture/vapor retarding benefits.

#### Basic Uses:

For commercial or residential below-grade foundation walls, CMU, poured concrete and insulated concrete forms (ICF).

### 4. TECHNICAL DATA

TK-HYDROMAX® 2003 RUBBERIZED WB FOUNDATION COATING is a single component liquid-applied foundation coating that is non-breathable.

### COMPOSITION AND MATERIALS

Rubberized latex copolymer.

Non-Volatile Content:	48 +/- 1%
VOC Content:	< 50 g/l
Color:	Dawn Mist, Stone Gray
Flash Point:	No flash, aqueous system
Drying Time:	1-4 hours (recoat 8-24 hours) 24-72 hours
Tack Free:	
Full Cure:	

### RESISTANCE TO:

Abrasion.....	Good
Acid.....	Good
Alkali.....	Excellent
Humidity.....	Good
Petroleum Products.....	Poor
Weather.....	Good

### Applicable Standards

TK-HYDROMAX® 2003 RUBBERIZED WB FOUNDATION COATING meets or exceeds the following standards:

- ASTM D 96-80 Water Vapor Permeance, water method
- A.I.M. Category: Waterproofing Sealer and Treatment, maximum VOC 600g/l.
- A.I.M. Definition: A coating that is formulated and recommended for application to a porous substrate for the primary purpose of preventing the penetration of water.

### 5. APPLICATION PROCEDURES AND INSTRUCTIONS

#### Preparation:

A clean, dry and frost free surface is required. Do not apply when the temperature is below 45° F. All previous coatings must be removed. New concrete should be allowed to cure until the surface appears dry. Concrete walls poured and block laid late in the year should be allowed to gain sufficient strength for proper adhesion. Existing concrete surfaces must be thoroughly cleaned prior to application.

All masonry block and poured concrete voids, form tie holes, cracks and honeycombed areas should be filled and footings cleaned. Mortar smears, dirt and form release agents that will affect adhesion should be removed.

Excessively wide cracks and joints in the ICF forms should be caulked, taped or filled before application of TK-HYDROMAX® 2003 RUBBERIZED WB FOUNDATION COATING.

### APPLICATION

Apply in a uniform manner with a Graco 7900 airless sprayer with a 0.037 tip (remove all filters from the spray unit and gun) at approximately 50 square feet per gallon. Make certain to cover and fill all pinholes and seams. Although back-rolling is recommended, it is not necessary. If holes or cracks appear, a second coat will be required.

### COVERAGE

Coverage rate is inversely affected by the texture and porosity of the substrate. One coat is sufficient when applied at 45-55 square feet per gallon, or 30-35 wet mil film. This will give a dry film of 12-15 mils. Any area where coverage is thin may be recoated.

The wall can be back filled once the film is cured. No protection board is required for back filled depths of less than 9 feet as long as the wall is carefully back filled with granular material with no large and/or frozen chunks that will puncture the coating.

### LIMITATIONS

TK-HYDROMAX® 2003 RUBBERIZED WB FOUNDATION COATING should be applied when the temperature is 45° F or above. Keep the product from freezing.

### CLEAN UP

Clean all equipment, tools and spills with soap and water before the material dries.

**PRECAUTIONS**

TK-HYDROMAX® 2003 RUBBERIZED WB FOUNDATION COATING. contains latex resins and a minimal amount of ammonia. Excessive and prolonged inhalation may result in headache, nausea and eye or lung irritation.

**FIRST AID**

*Ingestion:* Induce vomiting and call a physician immediately.

*Eye Contact:* Do not rub eyes, flush with clean water for 15 minutes. Obtain medical assistance if irritation persists.

*Skin Contact:* Remove the material by washing thoroughly with soap and water. Obtain medical assistance if irritation persists.

For further safety controls, Material Safety Data Sheets are available from TK distributors, the TK office and the TK Website. This information should be read before using this product.

**6. AVAILABILITY**

TK-HYDROMAX® 2003 RUBBERIZED WB FOUNDATION COATING is available through TK distributors. Contact TK Products for the nearest distributor.

Packaged in 55-gallon drums and 5-gallon pails.

Available in Dawn Mist or Stone Gray.

**MAINTENANCE**

Minimal maintenance is required. If weathering occurs, TK-HYDROMAX® 2003 RUBBERIZED WB FOUNDATION COATING can be reapplied to the affected area(s).

**7. CONDITIONS OF SALE/ LIMITED WARRANTY**

**TK Products, division of the Sierra Corporation, warrants that its products conform to the label descriptions, are free from manufacturing defects, and are fit for the ordinary purposes for which such goods are used. Inasmuch as the use of TK Products' product by others and other factors affecting product performance are beyond TK Products' control, TK Products does not guarantee the results to be obtained. There are no warranties except as stated herein, either express or implied, including implied warranties of merchantability or fitness for a particular purpose. SHOULD ANY TK PRODUCTS' PRODUCT FAIL TO GIVE SATISFACTORY RESULTS, TK PRODUCTS WILL**

**REPLACE THE PRODUCT, OR AT ITS OPTION, REFUND THE PURCHASE PRICE. THIS IS THE SOLE AND EXCLUSIVE REMEDY FOR ANY FAILURE OF TK PRODUCTS' PRODUCTS TO PERFORM AS WARRANTED AND SHALL ALSO CONSTITUTE LIQUIDATED DAMAGES IN CASE OF LOSS. UNDER NO CIRCUMSTANCES SHALL THE BUYER BE ENTITLED TO ANY OTHER REMEDY OR DAMAGES. REMEDIES FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE SPECIFICALLY EXCLUDED. TK Products does not authorize any person to assume for it any other liability in connection with the sale or use of its products unless specifically authorized by TK Products in writing.**

**8. TECHNICAL SERVICES**

The TK office offers assistance with specifications, performance test data and field services.

**9. FILING SYSTEMS**

Information Handling Services  
PO Box 1213  
Englewood, CO 80150  
Information Marketing Services  
13271 Northend  
Oak Park, MI 48237

**TK DISCLAIMER:**

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**FOR INDUSTRIAL USE ONLY**

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Applicable Standards	TK-HYDROMAX® 2003 Performance
ASTM E96 - Permeability	0.01 Perms
ASTM D412 - Tensile Strength and Elongation	215 PSI, 241%
ASTM D 3359-93 - Adhesion	No peeling