

TK-2002 RUBBERIZED FOUNDATION WATERPROOF/DAMPPOOF COATING

Meets ICC - AC 29

Technical Data



1. PRODUCT NAME

RUBBERIZED FOUNDATION WATERPROOF/DAMPPOOF COATING
TK-2002

2. MANUFACTURER

TK PRODUCTS
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3. PRODUCT DESCRIPTION

TK-2002 RUBBERIZED FOUNDATION COATING is a rubberized polymer formulation intended to waterproof/dampproof poured concrete and concrete block foundation walls above and below grade. It can be used on residential and commercial foundation walls. It prevents the penetration of water and other chemicals and can bridge small cracks up to 1/16". It is intended to be applied to the exterior of the wall.

The product is Pearl Gray in color and protects from moisture penetration through the foundation wall.

It is highly recommended to use TK-2001 FOUNDATION COATING as a prime coat for TK-2002 RUBBERIZED FOUNDATION COATING, but is not necessary.

This product complies with the ICCAC29 (Acceptance Criteria for Cold, Liquid-Applied Below Grade, Exterior Dampproofing and Waterproofing Materials.)

4. TECHNICAL DATA

TK-2002 RUBBERIZED FOUNDATION COATING is a single component liquid applied foundation coating that is non-breathable.

Composition and Materials:

Rubberized polymer blend in an aromatic hydrocarbon blend solvent.

- *Non-Volatile Content:* 48 – 50%
- *Color:* Pearl Gray
- *Flash Point:* Flammable, less than

76° F.

- *Drying Time:* 1 hour tack free, recoat 2-4 hours, full cure in 4-8 hours.

Applicable Standards

TK-Rubberized Foundation meets or exceeds the following standards:

- ASTM C1306/D5385, Hydrostatic Pressure Over Cracks
- ASTM C836-03 Section 6.10, Adhesion Strength
- ASTM D2939, Resistance to Water
- ASTM C836-89 Section 6.7, Low Temperature Flexibility and Crack Bridging
- ASTM C836-89, Film Thickness Vertical Surface
- ASTM C836-89 Section 6.12, Extensibility After Heat Aging, minimum
- ASTM E154-88 Section 13, Resistance to Decay
- ASTM E96-80, Water Vapor Permeance, water method

- VOC - Less than 600 grams per liter.

- A.I.M. Category: Waterproofing Sealer and Treatment - maximum VOC 600g/l.

- A.I.M. Definition: A coating 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:

Material is ready for use and requires no mixing, unless signs of separation are observed. It is unlawful to further reduce with non-exempt solvents.

A clean, dry surface is required. New concrete should be allowed to cure until the surface appears dry. Surface should be frost free. Concrete block laid and walls poured late in the year should be allowed to gain sufficient strength for good adhesion. Existing concrete surfaces must be thoroughly cleaned and dry prior to application. All previous coatings must be removed.

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

TK-2002 RUBBERIZED FOUNDATION

COATING should be applied directly to the clean, dry concrete surface unless TK-2001 FOUNDATION COATING has been used as a prime coat.

Application:

A typical sprayer is 45:1 airless with a .027 - .035 tip. Brush and/or roller will also work.

Coverage:

One coat is sufficient applied, 40 - 45 sq. ft. per gallon, or 35 - 40 wet mil film. This will give a dry film of 12 - 15 mils. Any area that is thin may be recoated.

The wall can be back filled once the film has cured. No protection board is required as long as the wall is carefully backfilled with granular material with no large and/or frozen chunks that will puncture the coating.

Limitations:

TK-2002 RUBBERIZED FOUNDATION COATING can be applied at temperatures of 0° F through 100° F; however, it is recommended that TK-2002 only be applied above 40°F to ensure the substrate is frost free, dry and not frozen.

Cleanup of Equipment:

Use TK-00 Solvent. For sprayer, pump the solvent through the spray equipment to remove residue of materials which can clog the hose and wand assembly.

Precautions:

TK-2002 RUBBERIZED FOUNDATION COATING contains aromatic hydrocarbon. Keep away from heat and flame. Prevent buildup of vapors. Use only with adequate ventilation. Do not inhale vapor or spray mist. If you experience eye watering, headaches or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, increase fresh air entry or wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after the application processes. Any person using a respirator must be trained on proper respirator use. Close container after each use.

Avoid contact with eyes, skin, and

clothing. Wash after handling. KEEP OUT OF REACH OF CHILDREN. Do not allow vapors to penetrate into foodstuffs. TK-2002 RUBBERIZED FOUNDATION COATING is not toxic in its cured state.

First Aid:

If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately. For contact with skin, wash thoroughly with soap and water. If swallowed, do not induce vomiting. Call a physician immediately.

In Case of Fire:

Use foam, CO₂, dry chemical. Do not use water spray. Generic Name: Petroleum Distillates.

Spills or Leaks:

Contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused content in accordance with local, state and federal regulations.

For safety controls, Material Safety Data Sheets are available from TK Distributors, the TK Office or the TK Website. This information should be read before using this product.

6. AVAILABILITY

TK-2002 RUBBERIZED FOUNDATION COATING is available through TK Distributors. Contact TK Products for the nearest distributor.

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

Maintenance

Minimal maintenance is required. If weathering occurs to the exposed area, TK-2002 RUBBERIZED FOUNDATION COATING can be reapplied to the affected area.

7. CONDITIONS OF SALE/ LIMITED WARRANTY

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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

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