

# INSTALLATION GUIDE

## TritoFlex 1K or 2K Rubber - Solutions

### TritoFlex Rubber System

The TritoFlex 1K or 2K synthetic rubber coating is ideal for protecting steel and concrete substrates from corrosion. It is applied single or dual-component to form a thick, durable, and extremely flexible rubber membrane to withstand a wide range of chemicals. TritoFlex is completely impermeable and will not allow oxidation or degradation of the underlying surface.

#### Advantages:

- ✓ Extreme resistance to acids, salts, and caustic substances
- ✓ Applied by sprayer, roller, or brush
- ✓ Water-based, no VOC's, no odor
- ✓ UV-resistant; easily paintable
- ✓ Extremely flexible and durable
- ✓ Strong adhesion to concrete and metal

| PROTECTION AGAINST           |                           |                       |
|------------------------------|---------------------------|-----------------------|
| Aluminum Chloride or Sulfate | Cottonseed Oil            | Potassium Sulfate     |
| Ammonium Hydroxide < 10%     | Glucose                   | Salt Water            |
| Ammonium Chloride            | Gluten                    | Sodium Bisulfate      |
| Ammonium Sulfate             | Helium                    | Sodium Bromide        |
| Boracic Acid                 | Hydrochloric Acid < 31%   | Sodium Carbonate      |
| Bariums                      | Hydrogen Peroxide < 10%   | Sodium Chloride < 50% |
| Brine                        | Iron (Ferrous - All)      | Sodium Nitrate        |
| Butane                       | Iron Carbonate            | Sucrose               |
| Butyl Alcohol                | Iron Hydroxide            | Sulfuric Acid < 40%   |
| Calcium Carbonate            | Lime Caustic              | Sodium Hydroxide < 1% |
| Calcium Chloride < 50%       | Lye                       | Tallow                |
| Calcium Nitrate or Sulfate   | Magnesium (All)           | Tannic Acid           |
| Calcium Hydroxide (Lime)     | Nickel (All)              | Tin Chloride          |
| Citric Acid                  | Paraffin                  | Urea                  |
| Carbon Dioxide               | Phosphoric Acid < 50%     | Vaseline              |
| Coppers (All)                | Potassium Chloride        | Vinegar               |
| Corn Syrup < 50%             | Potassium Citrate         | Zinc (All)            |
|                              | Potassium Hydroxide < 45% |                       |

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## Applications

- ✓ Pipelines
- ✓ Beams
- ✓ Secondary Containment
- ✓ Wastewater Containment
- ✓ Canals
- ✓ Dams
- ✓ Leach Pads
- ✓ Walls
- ✓ Structural Supports
- ✓ Underground Tanks
- ✓ Roof Decks

## Quick Guide

### *Inspection*

- Check the existing substrate for areas of damage or deterioration that may need repaired

### *Preparation*

- Pressure wash entire surface to ensure substrate is free of moisture, loose dirt, oils, grease, and debris. If applying over new concrete, use high pressure blasting to clean the surface.
- On metal substrates, loose or flaking rust should be removed. Apply TritoPrime Metal to uncoated, bare metal surfaces.
- If specified, apply TritoPrime Concrete Sealer on existing concrete substrates

### *Application*

- Spray apply TritoFlex 2K at minimum mil thickness specified. Check for proper millage using the Triton mil thickness gauge. Re-spray spot where measurements are taken immediately to seal. If thickness was low, re-spray over area and measure again.
- If applying TritoFlex 1K, apply in 2 coats via airless spray machine or roller to minimum thickness specified.
- Apply TritoFlex 1K Brush-Grade where any visual imperfections exist or extra reinforcement is needed.
- Optional application of top coat or surface coating/paint can be completed TritoFlex is fully dry to the touch. When using TritoFlex 2K, the dried surface accelerator must be rinsed off with water before surface coating is applied.