



# VIMASCO CORPORATION

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**Protectokote**

## ACRYLIC WEATHER COATING

**Protectokote** is a multi-purpose high-performance acrylic coating specifically formulated for use over marine insulation systems, but it is also suitable for use over many different types of insulation and other surfaces. Formulated from high-quality self-cross linking latex, it provides a very durable protective coating and achieves superior adhesion to many different substrates including all types of insulation, including most foams, facings, glass, wood, masonry metal, and some plastics. It has excellent fire resistance and also resistance to weather, UV exposure, and moisture. Being water based, it should not be used where it will be exposed to continual standing water.

**Protectokote** is a moderate vapor retarder so it can be used on some types of cold systems.. It has a high degree of elongation, flexibility, and resistance to puncture and is suitable for indoor or outdoor use. It has a notable ability to maintain good flexibility at very low temperatures beyond the ability of most latex coatings.

**Protectokote** has a viscosity like a very thick paint and can be brushed, rolled, or sprayed on. It can be applied in one coat or two and will provide good resistance to a variety of environmental conditions and mechanical abuse at a dry film thickness of 40 mils or more. It also has good resistance to damage from chemicals, oils, and hydraulic fluids, and is mildew-resistant.

**Protectokote** is approved for use under IMO requirements, Coast Guard Approval No. 164.112/106/0.

**Protectokote** is water based and must be protected until is thoroughly cured from freezing, moisture, and other substances or conditions that might damage it while curing.

### **COLOR**

White, Gray  
(Special colors available upon request)

### **COVERAGE (ASTM C 461)**

27.3 ft<sup>2</sup>/gal @ 40 mils dry  
(.67m<sup>2</sup>/l @ 1.01 mm dry)

### **DRYING TIME (ASTM D 1640-69)**

To touch: 2 hours  
Through: 24 to 48 hours  
(depending upon temperature, relative humidity and substrate)

### **WEIGHT PER U.S. GALLON (ASTM D 1475)**

12 pounds (1.4 kg/liter)

### **SOLIDS**

76% by weight; 68%  $\pm$  2% by volume

### **APPLICATION TEMPERATURE RANGE**

40°F (4°C) to 110°F (43°C)

### **SERVICE TEMPERATURE RANGE**

-20°F to 200°F constant; (-29°C to 93°C)

### **ADHESIVE STRENGTH**

15 lbs. (per MIL-A-3316C, Class 1)

### **TYPICAL ELONGATION**

1,500% (50 mils dry, @ 70°F)

### **WATER VAPOR PERMEANCE (ASTM F 1249)**

.45 US Perms at 40 mils dry film  
(.30 metric perm at 1.14 mm dry film)

**pH:** 7 – 9

### **CLEANUP**

Wet state – water Dry state - safety solvent

### **RECOMMENDED SHELF LIFE**

12 months in unopened container; @40°F (4°C) to 90°F (32°C)  
(some separation may occur, stir to remix)

### **VOC (Volatile Organic Content, less water) (ASTM D 3960)**

48 g/L

### **MEETS REQUIREMENTS FOR LEED CREDIT 4.2**

### **CAUTION**

Do not add water to this product as that will change its physical properties and performance. No expressed or implied warranty will be offered on applications where the product has been thinned or altered.

**PROTECTOKOTE CONTAINS NO ASBESTOS, LEAD, OR MERCURY COMPOUNDS.**

In accordance with OSHA Standard 29 CFR 1910.12 (Right to Know Law) a Material Safety Data Sheet is available for the product and all Vimasco products.

Vimasco products are designed to meet the needs of specific situations. They are warranted to be effective for their intended uses only. No further warranties are expressed or implied.

The methods and condition of application over which we can exercise no control are important factors in the performance of our products. We make specific recommendations for the application and use of all Vimasco products, but we cannot enforce our recommendations upon users; therefore, it is necessary that we state, as a condition of sale of our products, that we will replace or refund the purchase price of any Vimasco product found by our laboratories to be defective, but that we assume no responsibility beyond the purchase price of the materials. No representative of our Company, Distributor or Agent has any authority to change or extend this condition of sale.