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# Epoxy.com Product #226

## Fast Setting Water Based Epoxy

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### DESCRIPTION

**Epoxy.com PRODUCT #226 Fast Setting Water Based Epoxy Coating** is a two component, 100% reactive, water based, multi functional epoxy resin coating. **Epoxy.com PRODUCT #226** is manufactured to produce the utmost in performance in a safe, water borne coating. **PRODUCT #226** provides excellent resistance to salt intrusion, and excellent adhesion to most common construction substrates.

### ADVANTAGES

- VOC Compliant
- Fast Curing
- Excellent corrosion protection
- Excellent Chloride Ion Resistance
- Tintable with standard colorants
- Internally Flexibilized - can be applied to metals and plastics
- Water-Reducible
- Easily Applied

### WHERE TO USE

**Epoxy.com PRODUCT #226** can be used as a coating for steel, concrete, wood, or plastics. **Epoxy.com PRODUCT #226** can be used where highly durable, fast setting coatings are a must such as: marine environments, chemical and industrial plants, power plants, food processing areas, bridge pier caps and concrete floors.

**Epoxy.com PRODUCT #226** is available in a variety of colors. **Epoxy.com PRODUCT #226** is a pigmented coating that can be applied to concrete as early as three days after placement. The standard colors of **Epoxy.com PRODUCT #226** are white, beige, and gray. Other colors are available as special order products. Normal water-reducible tint concentrates can be used to color **Epoxy.com PRODUCT #226**

PHYSICAL PROPERTIES	
Ratio	2 A : 1B by volume
Solids	50% by volume minimum 62% by weight
Pot Life	90 minutes @ 75 °F
Induction Time	None
VOC	125 grams/liter
Dry Time To touch To handle Thorough	20 minutes 3 hours 12 hours
Adhesion Standard 595 Federal	Excellent to steel, concrete, wood or plastic
Color Numbers	White – 17875, Beige – 27778, Gray - 26622
Salt Spray Resistance 1000 hours, 2 coat	Exceeds
Abrasion Resistance ASTM D-968	Exceeds

## SURFACE PREPARATION

**STEEL SURFACE** - For best results, steel surfaces should be dry grit or sand blasted to a commercial gray metal finish as specified by the Steel Structures Painting Council SP-6. For immersion service, blast to near white blast SSPC SP-10.

**CONCRETE SURFACE** - Concrete surfaces shall be cleaned to remove dirt, curing compounds, existing coatings or laitance to provide a clean, sound, bonding surface. Cleaning may be accomplished with **Epoxy.com -Masonry Cleaner** or water blasting, acid etching, sandblasting, or other methods that would achieve a similar result.

## MIXING

Stir Component "B" thoroughly before mixing. Combine 2 parts by volume of "A" with 1 part by volume of "B" (mixing ratio 2:1). Mix for not less than 3 minutes with a slow speed drill (300 to 600 rpm), and an Epoxy.com-**Mixing Paddle**. When mixing has been completed, apply immediately. Clean equipment with soap and water.

## POT LIFE

Epoxy.com PRODUCT #226 has a pot life at 75°F (24°C) of approximately 90 minutes. It is essential to use the material within 90 minutes even though the viscosity of Epoxy.com PRODUCT #226 does not increase greatly over time.

## APPLICATION

Epoxy.com PRODUCT #226 Fast Setting Water Based Epoxy Coating may be applied by brush, roller or spray. All spray equipment must employ traps to prevent water and oil from contaminating coating. The substrate temperature should not be below 10°C and the relative humidity not above 80%.

## COVERAGE

Epoxy.com PRODUCT #226 will cover approximately 250 sq. ft./gal/coat depending upon surface texture. For best results, use two (2) coats.

## STORAGE

It is important to protect **Epoxy.com PRODUCT #226** from frost; therefore store it under frost proof conditions. At temperatures up to 75°F (24°C), the storage stability of **Epoxy.com PRODUCT #226** packed in original containers amounts to at least 12 months.

As a result of the high solids content of Epoxy.com **PRODUCT #226** and the solid resin character of the polymer, Epoxy.com **PRODUCT #226** tends to form a tiny skin upon foaming and temperature changes during storage. Therefore filtration of the product (without heating) before being applied by the end-user is recommended.

## CAUTION

**Contains Epoxy Resin and Amines Hardener.**

Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

**FIRST AID:** In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician. Wash clothing before re-use.

The rules and regulations established by local authorities should be observed when handling and processing epoxy resins and hardeners

**FOR INDUSTRIAL USE ONLY  
KEEP AWAY FROM CHILDREN**

For more information please contact:

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