

# PRIMER 240

## REACTIVE ELASTOMERIC ACRYLIC PRIMER

### DESCRIPTION:

**Primer 240** is a reactive, water-resistant, elastomeric, vapor permeable acrylic emulsion primer. It is used to develop high bond strength to a wide variety of building surfaces prior to coating with *Aquathane UA210 Type E or Type EE*. It is also used as a pre-treatment for aiding in the drying of saturated, thick-section concrete and masonry structures.

### Typical Uses:

- Priming of non-porous masonry such as glazed brick or terra cotta, hard or polished stone, dense concrete and other smooth surfaces, prior to coating with *Aquathane UA210 Type E or Type EE*
- General purpose surface primer for *Aquathane UA210 Type E or Type EE*
- Drying aid for thick section masonry and concrete structures

This product is a highly flexible material intended for use as a primer for *Aquathane UA210 Type E or Type EE*, and should **not** be used with other, harder 210-Series products such as *Type H, Type A/G or Type NCL*.

### Application:

**Primer #240** is supplied ready-to-use and requires no thinning. It may be applied by roller, brush or airless spray. It should be applied to clean, hard, dry or damp surfaces.

Apply in an even, thin, saturating single coat. Immediately remove runs and spills by flushing with clean water.

Allow primer to through-dry before application of the subsequent *Aquathane UA210 Type E or Type*

*EE* treatment. Typically overnight drying is recommended, but in warm, dry conditions 2-4 hours of drying may be sufficient. Product will turn to a tough, tack-free, rubbery film as it dries. There is no critical window for subsequent treatments. Primer does not degrade under direct UV exposure in sunlight and compatible top coats may be applied at any time after primer has dried.

### TECHNICAL DATA

Composition	100% acrylic emulsion
Solids Content, wt.	Approx. 60%
Density	Approx. 12 lbs./gal.
Minimum Application Temperature	40 <sup>0</sup> F and rising*
Direct Tensile Bond Strength	100 psi Minimum, Dry 70 psi Minimum, Wet
Accelerated Weathering, ASTM G53, 500 hours	No yellowing, fading, swelling, blistering, chalking or cracking
Compatible Substrates	Concrete, wood, stucco, brick, terra cotta glaze, terra cotta bisque, stone, asphalt roof shingles, many previously coated surfaces***.

### Limitations:

Product is not intended for use under constant moisture or immersion conditions. Some saturated substrates may require preliminary drying time before application, and neither primer nor finishes should be applied to surfaces that have not yet been stabilized against bulk moisture infiltration. Roofing, flashings, joints and other envelope elements should be stabilized prior to coating. In some cases,

saturated substrates may develop efflorescence as they dry out, potentially damaging the primer and finishes. This potential is best determined through mock-up installations. Some substrates such as soft woods and asphalt contain oils or resins which may “bleed” through **240 Primer**, necessitating the use of a stain-blocking primer. Do not apply when rain is expected within 4 hours.

Allow extra drying time when applying to non-porous surfaces such as glazed terra cotta or brick.

\*\*\*Always test a small, inconspicuous area prior to large scale application. This is particularly important when applying **Primer 240** over an existing coating.

### **Drying of Saturated Structures**

Edison Coatings has developed methods of drying certain deeply saturated concrete and masonry elements using **Primer 240**. This process makes use of the primer’s vapor permeability to reduce the rate of surface evaporation and achieve a balance with the rate of capillary transfer, promoting deeper drying. For more information, contact Edison Coatings, Inc.

### **SAFETY & HANDLING**

Read and observe the safety and handling guidelines as detailed in the Material Safety Data Sheets supplied with this product. Avoid skin and eye contact. KEEP FROM FREEZING. Store in tightly closed containers and mix thoroughly before use.

**FOR COMMERCIAL & INDUSTRIAL USE ONLY.**



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