

# PRIMER 240

## REACTIVE ACRYLIC PRIMER

### DESCRIPTION:

*Primer 240* is a clear, reactive, water-resistant, vapor permeable acrylic emulsion. It is used to develop high bond strength to a wide variety of building surfaces prior to coating with *Aquathane UA210* series glazes. It offers strong wet and dry adhesion properties to cementitious, tile, and glass surfaces while cross linking polymers offer high chemical and abrasion resistance. 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* series glazes.
- General purpose, flexible surface primer for *Aquathane UA210* glazes.
- Drying aid for thick section masonry and concrete structures

### APPLICATION:

*Primer 240* is supplied ready-to-use and requires no thinning. It may be applied by roller or brush to a clean, hard, dry or damp surface.

It should be applied in an even, thin, saturating single coat. Immediately remove runs and spills by flushing with clean water.

Allow Primer to dry thoroughly before application of *Aquathane UA210* treatment. Typically, 2-4 hours of drying will be adequate. Product will turn to a clear, paint-like 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	Acrylic Emulsion
Wt. Solids	Approx. 30%
Density	Approx. 8.75 lbs./gal.
Minimum Application Temperature	40° F
Direct Tensile Bond Strength	563 psi, Dry Adhesion 150 psi, Wet Adhesion
Accelerated Weathering (ASTM G35, 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*
Chemical Resistances	Transmission fluid, Motor oil, Antifreeze 50%, 5% HCl, 5% KOH, Bleach, Concentrated floor cleaner

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

### LIMITATIONS:

Product is not intended for use under constant moisture or immersion conditions. Some saturated substrates may require preliminary drying close to the surface before application. Neither primer nor finishes should be applied to surfaces that have not 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 finish. This potential is best determined through mock-up installations. 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.

#### **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 to achieve a balance with the rate of capillary transfer, promoting deeper drying. For more information, contact Edison Coatings, Inc.

#### **SAFETY AND 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 further information or assistance, contact Edison Coatings.

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#### **FOR COMMERCIAL AND INDUSTRIAL USE**



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