

**DESCRIPTION**

- An interior, high solids, one part water based acrylic coating,
- Designed to deliver high performance results at a moderate price.
- Applies directly to most common substrates. Class "A" non-combustible, non-toxic, very low VOC.
- Exceptional performance against mold and mildew growth.
- Use in lieu of vinyl wall covering.

**ADVANTAGES**

- Very durable.
- 80% as hard as mild steel.
- Improves the strength of drywall.
- Significantly longer life cycle than vinyl wall covering.

**10-YEAR WRITTEN PERFORMANCE WARRANTY**

Against peeling, delaminating, cracking, and chalking.

**10-YEAR WRITTEN MOLD/MILDEW WARRANTY**

- High perm rate to achieve breathability.
- Engineered formulation which virtually eliminates food sources for organisms combined with a long-term mildewcide that provides excellent performance.
- Full details available by contacting Triarch.

**SCRUBBABLE**

- Not damaged by water.
- Most marks and scuffs removed after 7 – 10 days of curing, using a stiff scrub brush with liquid soap and water.

**DESIGN OPTIONS**

- Over twenty-five (25) textural effect/patterns and almost unlimited integral colors, both monochromatic and multi-color finishes.
- Call TRIARCH for samples or a design binder.

**DELIVERY TIME**

Quick ship, most small shipments leave the centrally located factory within 48 hours of an order.

**FACTORY TRAINED APPLICATORS\***

- Over 600 factory trained applicators available nationally and internationally.
- We offer training programs to help insure quality control and minimize installation time.

**COST**

- Most projects install from \$1.25 - \$4.00 per square foot.
- Actual job conditions, volume, wall elevations, and local labor may affect installed prices.

**PRODUCT DATA**

**SPECIFICATIONS**

- Water based acrylic
- Integral & Colorfast Pigments
- Barcol Hardness of 38
- ASTM E-84, Flame spread = 15
- Smoke contribution = 5
- FAR 25.853(b), FAA Vertical Burn
- After Flame Time <0.1 seconds
- ASTM E-96, English Wet Perms = 28
- Final dry film thickness of 20 mils
- Qualifies under LEEDS section 4.2 for low emitting material
- Conforms to CHPS-CA section 01350

**SHIPPING AND STORAGE**

- Shipped in 5 gallon plastic pails
- Protect from freezing
- Protect from heat over 100°F.
- Stack to maximum of three (3) pails high
- Two (2) year shelf life

**APPLICATION**

Roller or spray applied depending upon selected finish. Applied by factory trained applicators. Applicator's field manual is available from the factory.

\* TRIARCH DOES NOT WARRANT, GUARANTEE, OR ASSUME LIABILITY FOR THE WORKMANSHIP OF THE APPLICATOR

## Description

Primer and Prime 1 are breathable; water based acrylic primers that are used to prepare a wall for a subsequent application of a Duroplex finish system. Primer contains a fine aggregate, adding “tooth” to the wall to aid in either roller or trowel application of the finish materials. Consequently, Primer should be applied by roller.

Prime 1 is used under Duroplex Mono and Mono 2 versions of Duroplex. It may be either roller or airless spray applied.

Both Primer and Prime 1 are suitable for either interior or exterior applications.

## Uses

Primer and Prime 1 provide the following result: a) initial bonding agent, b) helps to provide a uniform absorption rate, c) first line of defense for mold & mildew control, d) provides a color mask to the wall. Primer or Prime 1 will not seal the substrate, nor will they prevent “bleed through” from materials that react to moisture, such as iron or certain types of markers.

## Coverage

Over smooth drywall, Primer and Prime 1 will deliver 300 square feet per gallon (28 SQM), or 1500 square feet of coverage per 5 gallons (140 SQM).

## Shipping and Storage

Five gallon pails and 1 gallon pails. Primers should be stored at 50 °F (10 °C) or above in tightly sealed containers out of direct sunlight.

## Drying time

The drying time of Primer and Prime 1 is dependent upon the substrate porosity, air temperature and relative humidity. Under average drying conditions of 70° F {21 °C}, 55% R.H., products are dry to touch in 1 hour over new drywall. If exterior, protect work from rain for at least 24 hours.

## Application Procedure

### Job Conditions

Air and surface temperature for application of primers must be 50 °F (10 °C) or higher and must remain so for a minimum of 24 hours.

### Surface Preparation

All surfaces must be clean, dry, structurally sound and free of efflorescence, grease, oil, mildew, algae, form release agents and curing compounds. Protect adjacent surfaces, windows, shrubs, etc. from drips.

### New Installations of Duroplex or Plexture

Allow Primer or Prime 1 to dry to touch before the application of finish materials.

### Cement and Masonry Surfaces

Concrete and stucco surfaces do not require a full cure. Concrete and masonry surfaces may be slightly dampened prior to application of primers.

### Mixing

Before mixing check the viscosity. If the **PRIMER** or **Prime 1** is too thick, gradually stir in clean water and continue

to re-check viscosity. It is normal to add up to 1 – 1 ½ quarts (1 – 1.5 liters) of water per 5 gallons of product. If there is no sediment in the pail, adequate mixing time is 40 – 60 seconds per pail. If there is any product sediment in the pail, re-blend sediment into the liquid solution for approximately 2 minutes.

## Application

**PRIMER:** Use a short nap (1/4" or 3/8") roller cover. (Don't use a grid or screen, dip the roller directly into the PRIMER). Apply PRIMER evenly to produce uniform coverage of the wall. Do not paint with the product. The product will be somewhat translucent on the wall. Avoid creating ridges, as it may telegraph through your finish.

**PRIME 1:** The preferred method of application is by airless spray. Roller application is also acceptable.

## Clean Up

Clean tools with water before primers cure.

## Related Documents

Triarch Applicators Manual, chapters 6 and 7.

## Exterior Cautions and Limitations

Do not apply if weather conditions will not permit complete drying of material before onset of rain, dew, fog, or freezing temperatures. Do not apply to surfaces in direct sunlight or surfaces over 95 °F (35 °C) without wetting substrate.