CHARACTERISTICS

- An interior, high solids, one part water based decorative acrylic coating.
- Designed to improve the abrasion and impact resistance of drywall.
- Applies directly to most common substrates.
- Class “A” non-combustible, non-toxic, very low VOC.
- Exceptional performance against mold and mildew growth.
- Non-fading, very high UV resistance.
- Use in lieu of vinyl wall covering.
- Surface hardness 80% as hard as mild steel.
- Improves the strength of drywall.
- Significantly longer life cycle than vinyl wall covering.

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.
- Metallic Glazes
- Old World Stain™
- PolyGlaz® optional clear coat provides a sealed surface for healthcare and food service installations.
- Call TRIARCH for samples or a design binder.

DELIVERY TIME

Regional manufacturing from four ISO certified plants. Most orders delivered within 5 days.

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 & smoke Class A
- FAR 25.853(b), FAA Vertical Burn Test, after flame time <0.1 seconds
- ASTM E-96, English Wet Perms = 28
- ASTM D3273-00 Surface Mold Resistance = 10 (no growth)
- ASTM D 4977 Surface Abrasion = Class 3 over 5/8" drywall
- ASTM D 5420 Gardner Impact = Class 3 over Impact resistant wallboard
- Final dry film thickness of 20 mils
- Qualifies under LEEDS section 4.2 for low emitting material
- Conforms to CHPS-CA section 01350

APPLICATION

Applied by factory trained installers. Texture roller or texture spray applied depending. Many patterns require additional finishing techniques.
STORAGE & SHIPPING

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

RELATED DOCUMENTS

- T302 Guide Specifications
- T1210 Test and Sustainability
- T1220 Web brochure
- StratoTone™ High Performance Color Charts
- T202 MSDS
- T121 PolyGlaz Clear Sealer
- Product Videos on website
Description
All Triarch primers are breathable, water-based, specialty acrylic primers that are used to prepare a wall for a subsequent application of a Triarch finish system. All provide excellent adhesion to a wide variety of substrates.

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. Provides excellent adhesion to difficult surfaces such as ceramic tile and poured in place concrete.

Prime 1: is used under Duroplex Mono and Mono 2 versions of Duroplex. It is also used underneath most Triarch exterior systems. It may be either roller or airless spray applied.

GEXXO: Is a specialty primer typically used under Venetian Plaster systems. The bonding power is very strong over a variety of substrates. The aggregate load helps to pull the plaster off the application trowel and provides a mechanical bond to the plaster.

All three primers are suitable for either interior or exterior applications.

Uses
All three primers provide the following result: a) superb 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. Triarch primers 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.

What to use where:
Primer: only applied by roller and should be used under all roller applied Duroplex finishes. Use over glazed tile or ceramic tile. Consult with Triarch technical support when going over glazed substrates. Should not be used under Venetian Plaster.
Prime 1: where spray application of a primer is required. Should be used under all exterior applications of Triarch materials. May also be used under Venetian Plaster.
GEXXO: the preferred primer under Venetian Plaster. Applied by roller.

Summary Chart

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Coverage
Over smooth drywall, Primer will deliver 240 square feet per gallon and Prime 1 will deliver up to 300 square feet per gallon (28 SQM), or 1500 square feet of coverage per 5 gallons (140 SQM). Gexxo will apply at up to 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 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.

Application of finish materials
Allow all primers to be completely dry to the touch before the application of finish materials.
Cement and Masonry Surfaces
Concrete and stucco surfaces do not require a full cure before application of our primers. Concrete and masonry surfaces may be slightly dampened prior to application of primers.

Mixing
Before mixing check the viscosity. If the material 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 using a .517 & .519 tip size. Roller application is also acceptable.

GEXXO: 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 Gexxo evenly to produce uniform coverage of the wall. The product will be somewhat translucent on the wall. Avoid creating ridges, as it will telegraph through your finish.

Clean Up
Clean tools with water before primers cure.

Related Documents
Triarch Applicators Manual, chapters 6 and 7.
2906 Primer MSDS
T215 Gexxo MSDS
T217 Prime 1 MSDS

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.

Consult Triarch technical application instructions regarding application during temperatures below 50 °F (10 °C) or if precipitation is expected within 24 hours before or after application.

Do not apply to surfaces in direct sunlight or surfaces over 95 °F (35 °C) without wetting the substrate. Wetting the substrate will reduce “flash drying” of the primers.

Consult Triarch Field Application Services for additional details.