

## Decorative Interior Finish System

### DESCRIPTION

- PRIZMS® is a highly decorative wall finish system consisting of glass spheres over a metallic background.
- There are three component materials required to achieve the PRIZMS effect: PRIZMS 1<sup>st</sup> STEP, Metaltex™ coating and G-Coat™ coating.
- Application techniques used to create a PRIZMS wall will utilize both painting and steel trowel techniques.
- PRIZMS is an interior finish suitable for all building types.

### COVERAGE

- PRIZMS 1<sup>st</sup> STEP:** 165 sq.ft<sup>2</sup> (15.4 m<sup>2</sup>) per 1 gallon (3.8 liters).
- Metaltex:** 600 sq.ft<sup>2</sup> (55.7 m<sup>2</sup>) for two coats per 5 gallon (18.9 liters) pail.
- G-Coat:** 100 sq.ft<sup>2</sup> (9.3 m<sup>2</sup>) per 5 gallon (18.9 liter) container.

Coverage rates will vary depending on the surface texture and porosity of the substrate.

### DESIGN OPTIONS

Standard colors:

Macao (red)	4522
Cobalt (blue)	4532
Sherwood (green)	4542
Graphite	4241
Copper	3111
Brushed Silver	326
New Gold	5252

Custom colors are available upon request.

### DELIVERY TIME

Standard colors available within 1 week.

### FACTORY TRAINED APPLICATORS\*

- Factory trained applicators available nationally and internationally.
- We offer training programs to help insure quality control and minimize installation time.
- Technical and field service available upon request.

### PRODUCT DATA

#### SPECIFICATIONS

- ASTM E 84 Surface Burning: passes
- ASTM D 4828 Washability:
  - Ketchup – no change
  - Mustard – no change
  - Coffee – slight color change
  - Tea – slight color change
  - Blueberries – no change
  - Red Wine – slight color change
  - Rust – slight color change
- ASTM D 4060 Taber Abrasion Resistance: after 1000 cycles: 0.5 gm mass loss
- ASTM E 96 Water Vapor Transmission: 5 Perms
- ASTM D 5590 Mildew Resistance: passes
- 5 year performance warranty against peeling, delaminating, cracking, and chalking.

#### SHIPPING AND STORAGE

- Shipped in 5 gallon plastic pails
- Must be stored at 45°F (7°C) or above in tightly sealed containers out of direct sunlight
- Protect from freezing
- Protect from heat over 100°F
- Stack to maximum of three (3) pails high

### APPLICATION PROCEDURE

#### Job Conditions

Reduced dust and minimal immediate foot traffic. Also, should be applied towards the end of construction cycle.

#### Substrate Preparation

Surface should be level and smooth to a substrate equivalent of level 4 drywall finish.

#### Mixing

Just prior to application, mix each product for 1 minute to ensure uniformity using a Windlock B-M1 mixing paddle driven by a high-torque 12 mm (1/2 in) variable speed drill, at maximum 400-500 RPM, just enough to maintain a vortex. **DO NOT OVERMIX.**

#### Application

- **PRIZMS 1<sup>st</sup> STEP is an important component of the system.** The color matched PRIZMS 1<sup>st</sup> STEP should be applied to 100% coverage and in a uniform manner. Using a short nap roller 3/8" (9.5 mm) apply the PRIZMS 1<sup>st</sup> STEP from bottom of the wall up. After each two or three passes of a wet roller, dry back roll the PRIZMS 1<sup>st</sup> STEP in one direction to insure an even and smooth coat. Allow to dry 2 to 4 hours.
- Minor overlapping of roller passes is acceptable as long as they do not produce a ridge. If raised edges become present, take fine sand paper (320 grit) and smooth the ridges before applying Metaltex coating.

- **Metaltex** - Apply properly thinned Metaltex coating using a good quality short nap 3/8" (9.5 mm) roller. Metaltex coating must be applied in a smooth and level coat. After applying a section that is approximately 4 to 5 roller width's wide, back roll the section in one direction by placing the roller at the top of the painted section and in one smooth motion, roll to the bottom (unidirectional). Remove roller from the wall and start again at the top and repeat the motion. DO NOT RE-WET THE ROLLER FOR THIS PROCESS
- After the first coat of Metaltex coating dries, apply the second coat of Metaltex coating using a quality short nap 3/8" (9.5 mm) roller. Metaltex coating must be applied in a smooth and level coat as described in the instructions for the first coat application.
- To achieve the best possible appearance of the PRIZMS finish system the final look of the Metaltex coating should be smooth, level, and uniform. Any imperfections will show through the G-Coat coating.
- **G-Coat** - Apply the G-Coat coating using a hawk & trowel, followed by dry rolling with our special roller. Apply the G-Coat coating in short sweeping strokes, compressing the glass coat until there is a single layer of glass spheres that is level and smooth. Only apply a 4 ft (1.2 m) by 8 ft (2.4 m) section completing the application process before beginning another section.
- Using the special textured roller and a light pressure, roll in one direction with a smooth and continuous motion to flatten and organize the glass spheres in a uniform pattern. Place roller at top of section, roll to bottom, remove roller from wall and start at the top again.
- WAIT 10 MINUTES BEFORE FLOATING. Float over the area using almost no pressure on the float (only the weight of the trowel). The goal is to remove any raised beads from the rolling process.
- The G-Coat coating will have a milky appearance until it is completely dry (overnight).

### Drying Time

Cooler temperature & high humidity will retard drying time.

- **PRIZMS 1<sup>st</sup> STEP:** 2 to 4 hours.
- **Metaltex:** at least 4 hours between coats
- **G-Coat:** overnight is a minimum

### Clean Up

Clean tools with water while material is still wet.

### MAINTENANCE

All TRIARCH products are designed to require low maintenance. However, as with all building products, depending on location, some cleaning may be required.

### CAUTIONS AND LIMITATIONS

- The coatings will accentuate any imperfections in the underlying surface. Therefore, it is important that the materials be applied in a manner that will minimize textural imperfections that may result in undesirable aesthetic results.
- A site mock-up of sufficient size is strongly recommended. A PRIZMS Short Kit consisting of one gallon (3.8 liters) of each component is available.

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

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