

**Collection of Joy**  
**Guide Specifications**

# COLLECTION OF JOY™ Finish

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## Section 09 94 00

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### Paints and Coatings - Decorative Finishes

**Summary:** Triarch Collection of Joy provides an elegant metallic effect that will enhance any space, commercial or residential. The finish system is formulated with a water-based acrylic metallic coating that may be applied by roller or spray. Use of manufacturer's approved primers and application method will substantially influence the final effect. The resulting finish is washable and cleanable as expected for commercial environments. All Triarch finishes are created with water-based coatings for low VOCs and convenient low-odor application.

**Design Assistance:** For complete product information and/or standard color samples, please contact your Triarch representative (visit [www.Triarchinc.com](http://www.Triarchinc.com) for a listing) or at 800-537-6111

**Drawing Coordination:** Show extent of surfaces to receive Triarch Collection of Joy finishes on the Drawings and/or Room Finish Schedule.

**Specification Coordination:** Add, delete, or modify language as required. Coordinate this Section with related sections and with Bid and Contract requirements.

The following should be noted when using this guide specification:

- Optional text requiring a selection by the user is enclosed within brackets, e.g.: "Section [01 34 00]."
- Items requiring user input are enclosed within brackets, e.g.: "Section [\_\_\_\_\_ - \_\_\_\_\_]."
- Optional paragraphs are separated by an "OR" statement.

This guide specification is subject to change without notice.

**SECTION 09 94 00**  
**DECORATIVE FINISHES**

**PART 1 GENERAL**

**1.01 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General Conditions, Division 01 - General Requirements, and other applicable specification sections in the Project Manual apply to the work specified in this Section.

**1.02 SUMMARY**

- A. **Scope:** Provide labor, material, equipment, related services, and supervision required for the application for decorative finishes as required for the complete performance of the work and as shown on the Drawings and herein specified.
1. .
- B. **Section Includes:** The work specified in this Section includes:
1. Surface preparation.
  2. Water-based acrylic metallic paint finish system application.

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Include sections specifying the work affecting Triarch finishes. Edit list according to project requirements.

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- C. **Related Sections:** Related sections include, but shall not be limited to, the following:
1. **Preparation of Substrates:** Section 03 30 00 - Cast-in-Place Concrete.
  2. **Preparation of Substrates:** Section 04 20 00 - Unit Masonry.
  3. **Preparation of Substrates:** Section 06 20 00 - Finish Carpentry.
  4. **Preparation of Substrates:** Section 06 40 00 - Architectural Woodwork.
  5. **Preparation of Substrates:** Section 09 29 00 - Gypsum Board.

**1.03 REFERENCES**

- A. **General:** The publications listed below form a part of this Specification to the extent referenced. The publications are referred in the text by the basic designation only. The edition/revision of the referenced publications shall be the latest date as of the date of the Contract Documents, unless otherwise specified.
- B. **ASTM (ASTM)**
1. ASTM D 2486, "Standard Test Method for Scrub Resistance of Interior Latex Flat Wall Paints."
- C. **Gypsum Association (GA):**
1. GA 214, "Recommended Specification: Levels of Gypsum Board Finish."

- D. **Painting and Decorating Contractors of America (PDCA):**
  - 1. PDCA P5, "Benchmark Sample Procedures for Paint and Other Decorative Coating Systems."
- E. **South Coast Air Quality Management District (SCAQMD):**
  - 1. SCAQMD Rule 1113 for Faux Finishing Coating Category.

#### 1.04 SYSTEM DESCRIPTION

- A. **Performance:**
  - 1. Paint shall contain anti-microbial to inhibit the growth of mold, mildew, and bacterial on the dried paint film.
  - 2. The product shall meet or exceed the LEED IEQ 4.2 for low VOC standards and Green Seal GS-11, version 2008.
  - 3. Pigment system shall contain zero VOCs.
  - 4. Shall comply with SCAQMD Rule 1113 requirements for Faux Finishing Coatings.
  - 5. Paint System shall exceed 4000 scrub cycles under ASTM D 2486 Scrub Test.

#### 1.05 SUBMITTALS

- A. **General:** See Section 01 33 00 - Submittal Procedures.
- B. **Product Data:** Submittal shall include product data showing material(s) proposed with sufficient information to determine compliance with the Drawings and Specifications. Product data shall include, but shall not be limited to, manufacturer's product data and application instructions.
- C. **Finish Samples:**
  - 1. **Sample Card:** Two sample cards shall be submitted indicating the selected finish colors. If colors are yet to be selected, provide color cards T1212 and T1213 for color selection purposes.

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Retain above if finishes are specified "to be selected." Retain below to verify specified or selected finish colors.

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- 2. **Control Samples:** Two installer produced 6 in (155 mm) inch by 6 in (155 mm) samples shall be submitted on cardboard with the specified finish color(s) and finish pattern(s).

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Below applies to Credits EQ 4.1 (Adhesives and Sealants) and EQ 4.2 (Paints and Coatings).

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- 1. **Low-Emitting Materials:** Manufacturer's certification confirming that products meet or exceed the volatile organic compound (VOC) limits set by specific agencies or other requirements as outlined in LEED Green Building Rating System. VOC limits shall be clearly stated in the submittal.

#### 1.06 QUALITY ASSURANCE

- A. **Qualifications:**
  - 1. **Manufacturer Qualifications:** Manufacturer shall be a firm engaged in the manufacture of decorative finishes, and whose products have been in satisfactory use in similar service for a minimum of five years.
    - a. Manufacturer shall be ISO 9001 and ISO 14001 certified.
    - b. All materials within this special coatings section including, but not limited to, finishes, and primers shall be supplied by one manufacturer.

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Contact Triarch or your local Triarch representative for names of trained applicators in your Project area.

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2. **Applicator Qualifications:** Applicator shall have a minimum of three years of successful applications experience with projects utilizing decorative finishes similar in type and scope to those specified for this Project.
- B. **Regulatory Requirements:** Applicator shall comply with all applicable requirements of the laws, codes, ordinances, and regulations of Federal, State, and local authorities having jurisdiction.
- C. **Mock-Ups (Benchmarks):** Applicator shall, prior to application of the work, fabricate mock-ups for each type of finish and application required to verify selections made under sample submittals and to demonstrate aesthetic effects as well as qualities of materials and execution. Mock-ups to comply with the following requirements, using materials and methods proposed for final unit of work.

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Mock-ups are recommended so that full-size field samples can be approved for aesthetic control.

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1. Mock-up shall comply with PDCA P5.
  2. Mock-up shall include a minimum 4 square feet (0.3 square meter) of finish system at location on the Project as directed by the specifier. Separate mock-up shall be prepared for each finish, texture and color.
  3. Approved mock-up shall demonstrate minimum standard for the work. Mock-up may remain as part of the work.
- D. **Pre-Application Conference:** Prior to commencing work, a pre-application conference shall be held at the job site in accordance with Section 01 31 19 - Project Meetings. , Conference shall review all material selections, application procedures, and coordination with other trades. Mock-ups shall be reviewed during the pre-application conference. Pre-application conference shall include, but shall not be limited to, the Contractor, the Applicator, manufacturer's representative, and any trade that requires coordination with the work. Date and time of the pre-application conference shall be acceptable to the Owner and the Architect.

#### 1.07 DELIVERY, STORAGE, AND HANDLING

- A. Shall meet requirements of Section 01.60.00 - Product Requirements.
- B. Materials shall be delivered in unopened containers with manufacturer's labels intact.
- C. Materials shall be protected from freezing at all times.
- D. Materials shall be stored indoors at temperatures between 50 F (10 C) and 80 F (27 C).

#### 1.08 PROJECT CONDITIONS

- A. The following conditions are required for coating application:
- B.
  1. Temperature of air and substrate shall be between 50 F (10 C) and 80 F (27 C) and Relative humidity shall be less than 70%.
  2. Exposure to wide temperature fluctuations that may cause moisture condensation on freshly coated surfaces shall be prevented
  3. Application areas shall be clean, dry and free of dust or other contaminants that may interfere with finish coating application.
- C. Adequate lighting shall be maintained on surfaces to receive coatings. Minimum 80 footcandles (861 lux) is recommended.

- D. Adequate fresh air and ventilation shall be provided during application.

## 1.09 WARRANTY

- A. **General:** See Section 01 77 00 - Closeout Procedures.
- B. **Product Warranty:** The manufacturer shall warrant the materials to be free of manufacturing defects for a period of five years from date of Substantial Completion. A project specific warranty may be requested by the installer through the Triarch website.

## 1.10 MAINTENANCE MATERIALS

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Triarch metallic finishes are exceptionally durable, scrubable, and cleanable. However, walls may still become damaged. The manufacturer recommends that this Section include provisions for extra material from the same production lot as the original materials for future touch-up or spray repairs. Instructions may be specified here.

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- A. **Extra Stock:** Provide 1 gallon (3.8 l) of each finish color used. Provide in sealed, labeled containers.

## PART 2 PRODUCTS

### 2.01 MANUFACTURERS

- A. **Basis of Design:** This specification is based on materials manufactured by Triarch. Items specified are intended to establish a standard of quality for design, function, materials, and appearance. Equivalent products by listed manufacturers are acceptable. The Architect will be the sole judge of equivalency.

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Special coating substitutions require careful evaluation of performance and appearance, as well as coordination with affected work. Coordinate the following with Division 01 and bidding requirements.

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- B. **Substitutions:** See Section 01 60 00 - Product Requirements.
  1. Submit proposed substitution to the Architect no fewer than 10 days before bid date. Acceptance will be by Addendum.
  2. Submit finish samples to match color of specified finishes, product data, application instructions, test reports, etc. Clearly indicate discrepancies between specified product and proposed substitution.

## 2.02 MATERIALS

### A. LEED Requirements:

1. **Low-Emitting Materials:** Use adhesives, sealants, paints, coatings, etc., that comply with the specified limits for VOC content when calculated according to SCAQMD Rule #1168. See LEED Green Building Rating System for VOC content limits.

### B. Primer: Provide primer recommended by manufacturer for substrate.

1. **Concrete and Masonry:** Suitable heavy-bodied latex vinyl acrylic block filler (if filling pores is desired). Provide manufacturer's recommended product if uniform base color with pores exposed is desired.
  - a. **Basis of Design:** "Primemaster Primer/Sealer," Master Coating Technologies.
2. **Primed Metals:** No primer required.
3. **Unprimed Metals:** In accordance with the manufacturer's recommendations.
4. **New Gypsum Board:**
  - a. **Basis of Design:** "Primemaster Primer/Sealer," Master Coating Technologies.
5. **Ceramic Tile and Glazed Block:**
  - a. **Basis of Design:** "Primemaster Bonding Primer," Master Coating Technologies.

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For other substrates, contact the manufacturer for recommended primers. Submit sample of vinyl wall coverings or plastics for evaluation.

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6. **Vinyl Wall Covering and Plastic:** In accordance with the manufacturer's recommendations.

### C. Metallic Finish System Components:

1. **Primer:** Shall be water based system primers either GEXXO™ or Prime 1™ as appropriate for intended finish.
2. **Collection of Joy:** Shall be water based metallic finish.

## 2.03 EQUIPMENT

- A. Spray application: Shall use conventional or HVLP in accordance with material and equipment manufacturer's instructions.
- B. Roller application: Apply in accordance with manufacturer's instructions to reproduce specified finish. Contact local manufacturer representative or contact the manufacturer before bidding this work.

## PART 3 EXECUTION

### 3.01 EXAMINATION

- A. **Verification of Conditions:** Examine areas and conditions under which the work is to be applied, and notify the Prime Contractor in writing, with a copy to the Owner and the Architect, of any conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected.
  1. Substrates for reflective specialty effect finishes shall be smooth for best results. For Collection of Joy lightly textured finishes new gypsum board shall be prepared to a Level 4 finish in accordance with GA 214. For Collection of Joy smooth finishes new gypsum board shall be prepared to a Level 5 finish in accordance with GA 214. Verify that substrates are ready to receive work of this Section and are in a condition that is in accordance with manufacturer's requirements.
  2. Substrate surfaces shall be clean, dry, and free of any substances that may interfere with bond or aesthetics of a finish.

3. Beginning of the work shall indicate acceptance of the areas and conditions as satisfactory by the Applicator.

### 3.02 PREPARATION

- A. **Protection:** Mask adjacent surfaces to protect from accidental coating with low tack tape or masking. Protect floors and other surfaces with drop cloths.
  1. Remove items which are not to be coated from surfaces that are to be coated. Tag and protect removed items and store until re-installation. Removed items shall be reinstalled after completion of coating application. Items which are not to be coated include, but shall not be limited to, operating hardware, electrical device plates, and factory-finished Items.
  2. Patch and repair substrates as specified in applicable specifications sections. Clean substrates. Remove dirt, grit, loose materials, grease, oil, temporary protective coatings, contamination, other foreign materials, etc. Sand with 100 grit or finer sand paper, spackle, putty, and caulk existing surfaces to produce smooth and uniform substrates. Spot-prime existing water-soluble stains with alcohol or oil-based stain killing primer. Touch-up painted or primed surfaces with compatible paint or specified primer.
- B. Substrate preparation
  1. **Concrete:** High spots shall be removed, holes filled and surfaces cleaned as specified in Section 03 30 00 - Cast-In-Place Concrete. Allow new concrete to cure a minimum of 28 days prior to application of coatings. Surface shall be dry, and cleaned to remove any efflorescence, form release agents and any other condition that might interfere with the bond or application of a surface coating.
  2. **Masonry:** Joints shall be struck flush and surfaces cleaned as specified in Section 04 20 00 - Unit Masonry. Rinse off cleaning solutions and allow surface to dry. Allow new mortar to cure a minimum of 28 days prior to coating.
  3. **Ferrous Metals:** Remove rust and mill scale. Wire brush or sand damaged or rusted areas to bright metal. Remove grease and other foreign materials with mineral spirits. Touch-up damaged areas of shop primer with a rust inhibitive primer.
  4. **Aluminum:** Shall be thoroughly degreased using non-hydrocarbon solvent cleaner. Etching is recommended before priming if possible. As an alternative, use a wash primer prior to the paint application.
  5. **Non-Ferrous Metals:** Shall be cleaned with lacquer thinner.
  6. **Wood:** Shall be sanded smooth and free of marks as specified in Section 06 20 00 - Finish Carpentry. Wash sap spots and knots with mineral spirits. When dry, cover spots and knots with two coats of shellac.
  7. **Plaster:** New plaster shall cure a minimum of 28 days prior to coating.
  8. **Gypsum Board:** Shall be finished to a Level 4 or 5 finish as specified. Apply joint tape and compound to joints, fastener heads, dents, and surface flaws as specified in Section 09 29 00 - Gypsum Board. Sand smooth and flush with adjacent surfaces. Thoroughly clean sanded areas of dust with a clean damp rag.
  9. **Ceramic Tile and Glazed Block:** Shall be thoroughly cleaned to remove any oil, wax, grease, and other residues. De-gloss with either mechanical abrasion or chemical etch. Remove sanding dust with a clean, wet rag.

10. **Vinyl Wall Covering:** Comply with manufacturer's written recommendations.

11. **Previously Painted Surfaces:** De-gloss (if necessary) and re-prime previously painted substrates with manufacturer's recommended primer.

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For other substrates, contact the manufacturer for preparation recommendations. Collection of Joy finishes are not recommended for shower stalls, floors, other horizontal surfaces or areas subject to extremely heavy abuse.

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### 3.03 APPLICATION

- A. Applicator shall apply Collection of Joy finishes in accordance with manufacturer's written instructions to accomplish the specified finish. **The specified finish effect will control the application technique.**
- B. Apply as many primer coats as necessary to produce a uniform substrate appearance. Do not exceed manufacturer's recommended coverage rate. Allow to dry prior to application of any subsequent coats.
  - 1. For lightly textured effects use GEXXO primer
  - 2. For smooth effects, use Prime 1 primer
- C. Two coats of Collection of Joy metallic finish for full development of color and effect.
  - 1. If applying by hand the first coat may be applied by speed roller, ultra smooth high density foam rollers, or if spraying apply by conventional or HVLP.
  - 2. Second coat, or pattern coat, shall be applied in the necessary manner to produce the specified effect. If by hand utilize manufacturer specified tools in accordance with manufacturer's installation instructions. If spraying to obtain a non-directional effect, apply by either conventional or HVLP.
- D. Apply each coat to a natural break point such as an edge or corner without stopping.
- E. Collection of Joy finishes shall match approved benchmark samples and shall be free of runs, sags, holidays, and excessive irregularity/unevenness of pattern coat. Transitions between colors and/or other materials shall be sharp, clean and without overlaps.

### 3.04 INSPECTION

- A. Request acceptance of each coat before applying succeeding coats.
- B. Touch-up and repair unacceptable work.
- C. Protect finished areas from damage.

### 3.05 CLEANING

- A. Clean overspray and spills promptly. Do not allow wet material to set or cure.
- B. Remove masking.
- C. Repair damage to coatings and surfaces caused by clean-up activities.

### 3.06 PROTECTION

- A. Provide final protection and maintain conditions in a manner acceptable to the Applicator, that shall ensure that the decorative finishes shall be without damage at time of Substantial Completion.

### 3.07 COATING SCHEDULE

- A. **General:** Scheduled number of coats is in addition to surface preparation specified above.

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Refer to coating schedule included in manufacturer's Finish Data for the type of finish being specified. Edit the following paragraph to include only those surfaces applicable to the project.

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- B. **Substrate Type:** [\_\_\_\_\_].
1. **Primer:** Select as provided from manufacturer's Finish Data Sheet.
  2. **Finish Coats:** Collection of Joy in two coats.

### 3.08 FINISH STYLE/COLOR SCHEDULE

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Utilize the Section to specify styles and colors if not indicated on drawings or in the room finish schedule.

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- A. **Color/Finish Number, Surface No. [\_\_\_\_]:** "Triarch Collection of Joy, Color No. [\_\_\_\_],
- B. **Color/Finish Number, Surface No. [\_\_\_\_]:** "Triarch Collection of Joy, Color No. [\_\_\_\_],
- C. **Color/Finish Number, Surface No. [\_\_\_\_]:** "Triarch Collection of Joy, Color No. [\_\_\_\_],

**END OF SECTION**