

SPIRITO LIBERO™ PLASTER & OPACO™ Polished Plaster

TRIARCH
FINE ARCHITECTURAL FINISHES
A Division of Dryvit Systems, Inc.

Italian Polished Plaster

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SPIRITO LIBERO™ or OPACO™ Polished Plaster Guide Specifications

**TRIARCH
GUIDE SPECIFICATIONS
SECTION 09960
SPIRITO LIBERO OR OPACO POLISHED PLASTER**

PART 1 - GENERAL

1.01 SUMMARY

This document is intended to be used in the preparing of specifications for projects utilizing either Spirito Libero or OPACO Polished Plaster Systems.

1.02 RELATED DOCUMENTS

Drawings and general provisions of Contract, including General Conditions, Special Provisions, and Division 1-16 Specification sections, apply to work of this section.

1.03 DESCRIPTION

- A. Spirito Libero consists of lime, marble powders and natural minerals. A sealing wax finish is used to provide an antique and natural finish.
- B. OPACO Polished Plaster contains lime, round and coarse marble powders that provide a matt finish. A finishing wax to seal the surface is recommended.
- C. Material Quality: Finished and fully cured (28 days) materials shall have the following minimum performance characteristics:

ASTM-E84 Flame Spread	10.0 or less
Smoke Contribution	0.0
VOC Level of less than	50.0 g/l

1.04 QUALITY ASSURANCE

The installation of this material requires specialized and practiced skills. Specialized training is required for the proper installation of this material. A listing of artisans that have attended a Triarch product application session may be obtained from the primary materials supplier, TRIARCH at 800-537-6111.

- A. **COMPATIBILITY:** Provide primers, waxes and other materials which are supplied or are specifically recommended by the same manufacturer as the finish materials to insure compatibility of the system.

B. QUALIFIED APPLICATOR:

1. All bidding applicators should have attended a factory product application session and be otherwise qualified to apply materials prior to submitting bid. Applicator shall submit a photocopy of factory certificate as proof of attendance of a factory training session.

C. COORDINATION OF WORK: Review other sections of these specifications in which prime paints, raw substrates, or other substances might be present to ensure compatibility of total coatings systems. Upon request from other trades, furnish information or characteristics of coating materials provided for use to ensure compatible substrate materials and finishes are used.

1.05 SUBMITTALS:

- A. PRODUCT DATA:** Submit manufacturer's technical information including installation instructions, product description, and product test data conforming to the test performances required herein. Test data may be submitted in printed form from the manufacturer's standard printed material; however, if requested, Contractor shall submit specific performance test information as certified by independent laboratory analysis (as furnished by the manufacturer to support performance claims).
- B. SAMPLES:** Prior to beginning work, Applicator shall make and submit four samples of the selected colors and textures for Architect's review. Samples shall be applied on properly prepared and primed 8"x10" substrate (plywood, chip board, or drywall).

1.06 DELIVERY AND STORAGE

- A. DELIVER MATERIALS** to jobsite in the original, new and unopened packages and containers bearing manufacturer's name and label, and following information: Name or title of materials, Manufacturer's stock and/or serial number, and color name or designation.
- B. STORE MATERIALS** not in active use in tightly covered containers. Maintain containers in a clean condition, free from foreign materials and residue. Protect from freezing. Keep materials stored in an orderly and organized manner to reduce the risk of error. Do not stack materials more than three containers high. Protect from fire hazards.

1.07 JOB CONDITIONS

- A. APPLY** materials only when surface is sound and dry. Jobsite conditions should be free of atmospheric dust, dirt, and rain or water. Jobsite temperature must be 50° F or above, and expected to remain above 50° F for at least 72 hours following application.

- B. PROTECT finishes from casual impact for a period of twenty-four hours after installation. Protect all surfaces and adjacent areas not intended to be coated and clean immediately any spillage, droppings, or other extraneous contact of the materials with other surfaces.

1.08 WARRANTY

Provide 10 materials warranty from materials supplier

PART 2 - PRODUCTS

MATERIALS

- A. Italian Polished Plaster product shall be: (select either Spirito Libero™ Polished Plaster, or OPACO™ Polished Plaster) as supplied by TRIARCH. DESIGN REFERENCE SAMPLE(S) shall be CS# _____; color to be _____, with wax finish coat to be _____.
- B. Gexxo™ silica primer as manufactured by TRIARCH, to be applied to all surfaces prior to beginning Italian Polished Plaster application.
- C. Specialty Wax according to DESIGN REFERENCE SAMPLE as supplied by TRIARCH to be applied to all surfaces as a final coat.

PART 3 - EXECUTION

3.01 DESCRIPTION OF WORK

- A. EXTENT of Translucent Venetian Plaster coating work is indicated on drawings and schedules, as herein specified.
- B. WORK INCLUDES masking, protection of adjacent surfaces, priming, finishing, and cleanup of all coated areas throughout the project as designated on the drawings and finish schedules, except as otherwise specifically indicated. (*Write a general description of the scope of work*) "Italian Polished Plaster System" as used herein means a specialty plaster meeting the specifications stated herein.
- C. WORK SPECIFIED IN OTHER SECTIONS: Paint, stain, primer, other specialty coatings, fire proofing, tile, masonry, prefinished panels, stains, preservative treatments, shop applied finishes, wallcoverings, etc.

3.02 PREPARATION:

A. GENERAL

1. Perform preparation and cleaning procedures in accordance with manufacturer's recommendations and as herein specified, for each particular substrate condition.
2. Remove hardware, hardware accessories, machined surfaces, plates, lighting fixtures, and similar items in place and not to be finish coated, or provide masking or other protection prior to surface coating operations. Following completion of coating of each space or area, reinstall removed items.
3. Clean surfaces to be coated before applying any materials. Remove oils and grease prior to mechanical cleaning. Program cleaning and coating so that contaminants from cleaning process will not fall into wet or newly coated surfaces.

B. SURFACE PREPERATION (*Select only those surfaces applicable to the work*)

1. DRYWALL: Prepare drywall to industry acceptable standard for hanging vinyl wall covering. Remove excess gypsum compound dust. Prime all surfaces with Gexxo™ primer as manufactured by TRIARCH.
2. CEMENTITIOUS SUBSTRATES: Prepare cementitious surfaces such as concrete, concrete block, cement plaster, and etc. by cleaning as noted above; then patch all major holes, honeycombs, etc. using structural grout as specified in the specific Division of these specifications. Then grind, fill, and float smooth all mortar joints, form seams, and other minor imperfections using SKIMM™ as manufactured by Triarch. Allow SKIMM to dry 24 hours. Prime entire surface with Gexxo primer as manufactured by TRIARCH.

Test adequacy of adhesion of primer to substrate prior to application of Polished Plaster System. Be sure to document results.
3. FERROUS METALS: Clean free of oil and surface contaminants with non-petroleum based solvent. Prime all bare metal surfaces with a good quality rust inhibiting primer prior to application of primer. Prime all rust-inhibited surfaces with Gexxo primer as manufactured by TRIARCH. Test adequacy of adhesion of primer to substrate prior to application of Polished Plaster System. Be sure to document results.

4. GALVANIZED SURFACES: Clean free of oil and surface contaminants with non-petroleum based solvent. Prime surface with Gexxo primer as manufactured by TRIARCH. Test adequacy of adhesion of primer to substrate prior to application of Polished Plaster System. Be sure to document results.
5. EXISTING PAINTED SURFACES: Clean surface with soap and water to remove oils, dust, etc. Lightly sand surface to improve adhesion (total removal of gloss is not necessary). All previously painted surfaces must be sound with the paint firmly adhered. Prime surface with Gexxo primer as manufactured by TRIARCH. Test adequacy of adhesion of primer to substrate prior to application of Polished Plaster Systems. Be sure to document results.

C MATERIALS PREPARATION

1. At least eight hours before commencing the work, open materials, pour off any liquid water that has accumulated on top of wet paste. Open Colorant and thoroughly stir Colorant, remixing any Colorant sediment prior to adding to wet plaster base. Begin to stir Base, forming a small vortex in the Base Plaster. Mix Colorant into the vortex in Base by carefully pouring in the Colorant, being careful not to spill any Colorant. Before resealing the containers wipe any tinted plaster from interior sidewalls of pails so that dried particles do not drop into wet material during later use. Do NOT restir materials within four hours of commencing first and second coats. During application, remove any materials that harden on the sides of the container.
2. THINNING: Do not thin Italian Polished Plaster. Materials come premixed wet and with correct water content. Just before application of the final coat, aggitate the plaster materials a few strokes just prior to loading trowel. This light stirring causes the material to liquify sufficiently for finish application.

3.03 APPLICATION

- A. GENERAL: Apply coating materials in accordance with the manufacturer's instructions and recommendations as required to achieve the appearance of the approved samples. Coating materials shall be used as a system which includes Gexxso primer and Cera del Vecchio wax. The number of coats of Italian Polished Plaster effect the finished appearance; refer to Design Reference sample mentioned in Section 2A for the proper number of plaster applications required to reproduce the finish.
- B. Coverage rate shall be 600/700 grams per square meter (approx: 425 square feet per 24 KG {54 pound} pail per coat). Coat surfaces behind movable equipment and furniture same as similar exposed surfaces.

- C. **REQUIRED PRIMER:** Apply Gexxo primer with a 1/4" to 3/8" inch nap paint roller at a coverage rate of 240 square feet per gallon. Allow to cure until firmly set (usually 2 to 4 hours).
- D. **APPLY FIRST COAT** of Polished Plaster with steel trowel, pulling it tight to the primed surface. Apply a uniform coat sufficient to completely cover GEXXO Primer particles, forming an opaque finish on the wall. Allow to dry a minimum of 4 hours before proceeding.
- E. If called for by the Design Reference sample, **APPLY SECOND COAT** of Polished Plaster with a steel trowel for complete uniform coverage of First Coat.
- F. Apply Cera del Vecchio wax, or other specified wax product in Section 2A, with trowel, cloth, or approved application machine, over entire surface, wiping away excess wax. After approximately 15 minutes buff wax to the desired gloss effect.

3.04 CLEAN-UP AND PROTECTION

- A. **CLEAN-UP:** During progress of work, remove from site discarded coating materials, rubbish, cans, tools, and rags at the end of each work day and discard in accordance with all local, state, and federal requirements.
- B. **PROTECTION:** Protect work of other trades, whether to be coated or not, against damage by coating work. Correct any damage by cleaning, repairing or replacing, and refinishing, as acceptable to Architect. Provide signs, barricades, etc. as required to protect new work from damage by others (see General section, 3.03 C&D, of this division for curing times).