

3-Part Specification For
RIALTO® Italian Plaster Finishes

VERO
2911 N. Orange-Olive Rd.
Orange, CA 92865
Phone (714) 637-7341
Fax (714) 637-7364
E-mail: CUSTOMERCARE@PAREXUSA.COM
Website: WWW.VERO-RIALTO.COM

SECTION 09225

ITALIAN INTERIOR LIME PLASTER FINISH

GENERAL NOTES TO SPECIFIER:

THIS SPECIFICATION SECTION HAS BEEN PREPARED TO ASSIST DESIGN PROFESSIONALS IN THE PREPARATION OF PROJECT OR OFFICE MASTER SPECIFICATIONS. IT FOLLOWS GUIDELINES ESTABLISHED BY THE CONSTRUCTION SPECIFICATIONS INSTITUTE, AND THEREFORE MAY BE USED WITH MOST MASTER SPECIFICATION SYSTEMS WITH MINOR EDITING.

EDIT CAREFULLY TO SUIT PROJECT REQUIREMENTS. MODIFY AS NECESSARY AND DELETE ITEMS THAT ARE NOT APPLICABLE. VERIFY THAT REFERENCED SECTION NUMBERS AND TITLES ARE CORRECT. (NUMBERS AND TITLES REFERENCED ARE BASED ON *MASTERFORMAT*, 1995 EDITION).

THIS SECTION ASSUMES THE PROJECT MANUAL WILL CONTAIN COMPLETE DIVISION 1 DOCUMENTS INCLUDING SECTIONS 01330-SUBMITTAL PROCEDURES, 01620-PRODUCT OPTIONS, 01630-PRODUCT SUBSTITUTION PROCEDURES, 01660-PRODUCT STORAGE AND HANDLING REQUIREMENTS, 01740-CLEANING, 01770-CLOSEOUT PROCEDURES, AND 01780-CLOSEOUT SUBMITTALS. CLOSE COORDINATION WITH DIVISION 1 SECTIONS IS REQUIRED. IF THE PROJECT MANUAL DOES NOT CONTAIN THESE SECTIONS, ADDITIONAL INFORMATION SHOULD BE INCLUDED UNDER THE APPROPRIATE ARTICLES.

THIS IS A PROPRIETARY SPECIFICATION FOR UNIQUE ITALIAN PLASTER FINISHES AND DOES NOT PERMIT SUBSTITUTIONS BECAUSE OF THE DIFFICULTY OF REPLICATING THE FINISHES WITH OTHER MATERIALS.

NOTES TO THE SPECIFIER ARE CONTAINED IN BOXES AND SHOULD BE DELETED FROM FINAL COPY.

OPTIONAL ITEMS REQUIRING SELECTION BY THE SPECIFIER ARE ENCLOSED WITHIN BRACKETS, E.G: [35] [40] [45]. MAKE APPROPRIATE SELECTIONS AND DELETE OTHERS.

ITEMS REQUIRING ADDITIONAL INFORMATION IS UNDERLINED BLANK SPACES, E.G: _____.

OPTIONAL PARAGRAPHS AND FEATURES THAT MAY BE SELECTED OR DELETED AS DESIRED ARE SHOWN IN **BOLD FACE TYPE**. DELETE BOLD FACE TYPE WHEN RETAINING THESE PARAGRAPHS OR FEATURES.

ELECTRONIC VERSIONS OF THIS SPECIFICATION UTILIZE AUTO PARAGRAPH NUMBERING.

PART 1 - GENERAL

1.01 SUMMARY

A. Section Includes: Interior Italian slaked lime plaster finishes applied over smooth solid substrates.

B. Related Sections:

INCLUDE THIS SECTION AS A "RELATED SECTION" IN THE APPROPRIATE SUBSTRATE SECTION(S).

1. **03300–Cast-in-Place Concrete: Concrete substrate.**
2. _____ – _____: **Masonry substrate.**
3. **09210–Gypsum Plaster: Gypsum Plaster substrate.**
4. **09220–Portland Cement Plaster: Portland cement plaster substrate.**
5. **09250–Gypsum Board: Gypsum board substrate.**

INCLUDE APPROPRIATE LANGUAGE BELOW IF PRODUCTS SPECIFIED IN THIS SECTION ARE TO BE BID AS ALTERNATES. OTHERWISE DELETE FOLLOWING PARAGRAPH.

C. Alternates:

1. Reference Section 01230–Alternates.

1.02 DEFINITIONS

- A. Applicator: Person or persons who will actually apply products for this Project.

1.03 SUBMITTALS

- A. Reference Section 01330–Submittal Procedures; submit following items:

1. Product Data: Each specified material **including MSDS**.

DELETE THE FOLLOWING COLOR CHART SUBMITTAL IF ALL COLORS ARE SHOWN ON THE DRAWINGS OR SPECIFIED HEREIN.

2. Color Chart: Manufacturer's full range of available colors for each specified plaster system.
3. Samples Following Color Selection: 12 by 12 inch minimum size consisting of complete application for each specified system and color. Prepare samples using same tools and techniques proposed for project.
4. Quality Assurance Submittals:
 - a. Qualifications: Letter of certification of manufacturer's and applicator's qualifications.
 - b. Application Instructions.

- B. Closeout Submittals: Reference Section 01780–Closeout Submittals; submit following items:

1. Record of Color Lot numbers for lime based products.
2. Maintenance, cleaning and care instructions.

1.04 QUALITY ASSURANCE

- A. Color and Appearance: Match control sample, available for viewing in the office of the Architect.

B. Qualifications:

1. Manufacturer Qualifications: Minimum five years experience in producing Italian plaster finishes of the type specified.
2. Applicator Qualifications: Completion of application seminar sponsored by Manufacturer's US Distributor.

C. Pre-Installation Meeting:

1. Convene meeting at project site within one week of scheduled start of application with representatives of the following in attendance: Owner, Architect, General Contractor, and Sub-Contractor.
2. Review substrate conditions, approved samples and colors, requirements of related work, application instructions, storage and handling procedures, preparation of field samples and protection measures.
3. Keep minutes of meeting including responsibilities of various parties and deviations from specifications and application instructions. Distribute minutes to attendees within 72 hours of meeting.

FOLLOWING FIELD SAMPLES SHOULD BE RETAINED ONLY FOR LARGE PROJECTS OR THOSE REQUIRING A VERY HIGH LEVEL OF QUALITY.

D. Field Samples:

1. Prepare minimum 4 by 4 foot (1 by 1 m) sample of each finish and color on a mock-up panel of the actual Project substrate(s). Prepare samples using same tools and techniques to be used in final work. Sample panels must be separate from and cannot be incorporated into the final work.
2. Obtain Architect's approval of field sample(s) prior to proceeding with the work, or repeat sample as required till approval is granted.
3. Retain approved sample to use as a basis for approval of completed work.
4. Remove sample from site following completion of work.

1.05 DELIVERY, STORAGE, AND HANDLING

A. Reference Section 01660–Product Storage and Handling Requirements.

B. Follow manufacturer's instructions.

1.06 PROJECT/SITE CONDITIONS

A. Environmental Requirements:

1. **Protect exterior applications from being tampered with while drying for a minimum of 24 hours.**
2. Weather conditions may have a significant effect on material workability. Consult Manufacturer's US Distributor when applying materials in hot (90 degrees F (32 degrees C)) weather.

PART 2 - PRODUCTS

2.01 MANUFACTURER

A. Sandtex Italiana spa/Rialto Italian Slaked Lime Plaster Finishes: Trieste, Italy

All materials except as noted herein.

B. Manufacturer's US Distributor: Vero

2911 N. Orange-Olive Rd.

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Fax: (714) 637-7364

E-Mail: CUSTOMERCARE@PAREXUSA.COM

Website: <http://www.vero-rialto.com>

C. Substitutions: None Permitted.

2.02 MATERIALS

COORDINATE FOLLOWING MATERIALS WITH RIALTO PLASTER SYSTEMS SPECIFIED IN ARTICLE 2.03 AND DELETE MATERIALS NOT INCLUDED IN SPECIFIED SYSTEMS.

A. Finish: acrylic primer consisting of various hard aggregates, pigments, and additives with a terpolymer resin binder.

B. Primer One: acrylic primer consisting of fine aggregates, high adhesion properties, and resin binders.

C. Antiqua: mineral coating consisting of seasoned slaked lime, natural pigments and oxides, fine Carrara marble chips and silica.

D. NLP: mineral coating consisting of seasoned slaked lime, natural pigments, oxides, fine Carrara marble, and aggregate.

E. Epoca Marmo: mineral coating consisting of seasoned slaked lime, natural pigments, oxides and fine Carrara marble.

F. Epoca Spatolato: mineral coating consisting of seasoned slaked lime, natural pigments and oxides, and mineral additives.

G. Epoca Ottocento: finishing mineral paint plaster based on seasoned slaked lime.

H. Velasil: glazed coating consisting of oligomeric siloxanes, permanent anti-mold agents, aggregates, and pigments.

I. Cera D' Arte: solvent-based paste wax.

2.03 RIALTO® INTERIOR SLAKED LIME PLASTER SYSTEM(S)

THE FOLLOWING SYSTEMS ARE THE STANDARD RIALTO SYSTEMS. SOME SYSTEMS CAN BE MODIFIED OR COMBINED TO CREATE ADDITIONAL SPECIAL EFFECTS, BUT THIS SHOULD NOT BE ATTEMPTED WITHOUT CONSULTING VERO. SELECT DESIRED SYSTEM(S) FROM PARAGRAPHS A. AND/OR B. BELOW. DELETE THOSE NOT USED.

A. Interior Slaked Lime Systems:

1. Antiqua I®-[Frattazzato (sponge-floated)] [Lamato (smooth)]:

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- a. Color: [_____] [As shown on Drawings] [Standard color as selected by Architect] [Custom color as selected by Architect].
 - b. Base Coat: Finish® or Primer One acrylic primers**
 - c. Intermediate Coat: Antiqua I ®**
 - d. Top Coat: Antiqua I®**
2. Antiqua II®-[Frattazzato (sponge-floated)]:
- a. Color: [_____] [As shown on Drawings] [Standard color as selected by Architect] [Custom color as selected by Architect].
 - b. Base Coat: Finish® or Primer One acrylic primers**
 - c. Intermediate Coat: Antiqua® II**
 - d. Top Coat: Antiqua® II**
3. NLP®- [Frattazzato (sponge-floated)], [Lamato (smooth)]:
- a. Color: [_____] [As shown on Drawings] [Standard color as selected by Architect] [Custom color as selected by Architect].
 - b. Base Coat: Finish® or Primer One acrylic primers**
 - c. First Intermediate Coat: NLP ®**
 - d. Second Intermediate Coat: NLP®**
4. Epoca Marmo- [Lamato (smooth)]:
- a. Color: [_____] [As shown on Drawings] [Standard color as selected by Architect] [Custom color as selected by Architect].
 - b. Base Coat: Finish or Primer One acrylic primers**
 - c. First Intermediate Coat: Epoca Marmo**
 - d. Second Intermediate Coat: Epoca Marmo**
5. Epoca Spatolato®- [Lamato (smooth)]:
- a. Color: [_____] [As shown on Drawings] [Standard color as selected by Architect] [Custom color as selected by Architect].
 - b. Base Coat: Finish® or Primer One acrylic primers**
 - c. First Intermediate Coat: Epoca Spatolato® or Antiqua I ®**
 - d. Second Intermediate Coat: Epoca Spatolato®**
 - e. Third Coat: Epoca Spatolato (if necessary)**
6. Epoca Ottocento® [Lamato (smooth)] [Brush applied in criss-cross pattern]:
- a. Color: [_____] [As shown on Drawings] [Standard color as selected by Architect] [Custom color as selected by Architect].
 - b. Base Coat: Finish® or Primer One acrylic primers**
 - c. First Intermediate Coat: Epoca Ottocento® or Antiqua I ®**
 - d. Second Intermediate Coat: Epoca Ottocento®**
 - e. Third Coat- Epoca Ottocento® (if necessary)**
7. Additional effects (applied after completion of systems 1-5 above)
- a. Cera D'Arte (wax)
 - b. Velasil

2.04 TOOLS

A. Trowels, Spatulas and brushes: Polished chrome-plated stainless steel (also available from Vero).

PART 3 - EXECUTION

3.01 EXAMINATION

COORDINATE WITH SECTION(S) USED TO SPECIFY INTERIOR SUBSTRATES TO ASSURE THAT SUBSTRATES ARE FINISHED TO A DEGREE COMPARABLE TO A GYPSUM BOARD LEVEL 4 OR 5 FINISH FOR ALL SYSTEMS EXCEPT ANTIQUA FOR WHICH THE SUBSTRATE MAY BE FINISHED TO LEVEL 3 OR 4. .

- A. Examine substrates upon which interior slaked lime plaster finish will be applied.
 - 1. Verify that minor surface irregularities have been repaired.

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B. Coordinate with responsible entity to perform corrective work on unsatisfactory substrates.

C. Drywall should be Level 3 or smoother for systems using Antiqua I, II or NLP in any coat. Drywall must be Level 4 or 5 for systems using Epoca Spatolato or Epoca Ottocento.

D. Commencement of work by installer is acceptance of substrate.

3.02 PREPARATION

A. Protection: Protect adjacent surfaces from contact by plaster materials.

THIS SPECIFICATION ASSUMES THE SUBSTRATE FOR ALL SYSTEMS WILL BE NEW MATERIAL. CONSULT VERO FOR APPLICATION OVER AGED, DETERIORATED OR PREVIOUSLY COATED SUBSTRATES WHICH MAY REQUIRE SPECIAL PROCEDURES. SPECIFY SPECIAL PROCEDURES AS NECESSARY.

3.03 APPLICATION

A. Comply with application instructions for the specific plaster systems specified herein including:

- 1. Application methods and tools.
- 2. Sanding of various coatings.
- 3. Polishing methods and tools.

3.04 CLEANING

A. Reference Section 01740–Cleaning.

3.05 PROTECTION

A. Reference Section 01760–Protecting Installed Construction.