



Building with conscience.

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**Sto Guide Specification No. 1000**  
**StoQuik® Finish System for Interior Gypsum Wallboard**

**Section 09 25 13.13**  
**ACRYLIC PLASTER FINISH**  
**or**  
**Section 09 77 00**  
**SPECIAL WALL SURFACING**

*Notes in italics, such as this one, are explanatory and intended to guide the design/construction professional and user in the proper selection and use of materials. This specification should be modified where necessary to accommodate individual project conditions.*

*The applicable CSI Section number depends on the finish selected: Sto Textured Finishes and Sto Signature Finishes are Acrylic Plaster Finish. Sto Specialty Finishes and StoCast Finishes are Special Wall Surfacing*

## Table of Contents

<b>PART 1</b>	<b>GENERAL</b> .....	<b>3</b>
1.1	SUMMARY .....	3
1.2	SUBMITTALS.....	3
1.3	REFERENCES .....	3
1.4	QUALITY ASSURANCE.....	3
1.5	DELIVERY, STORAGE AND HANDLING .....	3
1.6	WARRANTY.....	4
<b>PART 2</b>	<b>PRODUCTS</b> .....	<b>4</b>
2.1	MATERIALS .....	4
<b>PART 3</b>	<b>EXECUTION</b> .....	<b>5</b>
3.1	INSTALLATION.....	5

## **PART 1 GENERAL**

### **1.1 SUMMARY**

- A. Provide finish system for interior gypsum wallboard

*IMPORTANT: this guide specification covers installation of a Class A finish system over building code compliant interior gypsum wallboard construction*

### **1.2 SUBMITTALS**

- A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used. Include manufacturer's Material Safety Data Sheets.

### **1.3 REFERENCES**

- A. ASTM Standards
  - 1. C840, Standard Specification for Application and Finishing of Gypsum Board
  - 2. C920, Standard Specification for Elastomeric Joint Sealants
  - 3. E84, Standard Test Method for Surface Burning Characteristics of Building Materials
- B. Gypsum Association Standards
  - 1. GA 214, Levels of Finish for Gypsum Panel Products
- C. South Coast Air Quality Management District (South Coast AQMD)
  - 1. Rule 1113, Architectural Coatings

### **1.4 QUALITY ASSURANCE**

- A. Manufacturer's Qualifications: The finish system manufacturer shall be a company with at least thirty five years of experience in manufacturing interior and exterior finishes and regularly engaged in the manufacture and marketing of products specified herein. The manufacturer shall have a current ISO 9001 certified quality system and ISO 14001 certified environmental management system.
- B. Installer's Qualifications: The contractor shall be qualified to perform the work specified by reason of experience. Contractor shall have at least 5 years of experience in commercial textured or specialty finish application, and shall have completed at least 3 projects of similar size and complexity. Contractor shall provide proof before commencement of work that he/she will maintain and supervise a qualified crew of applicators through the duration of the work. When requested Contractor shall provide a list of the last three comparable jobs including the name, location, and start and finish dates for the work.
- C. Mock-ups: The contractor shall install a mock-up of the system for evaluation and approval by the design professional, building owner, or owner's representative/quality assurance agent.
- D. Testing: Testing shall be conducted as directed by the design professional, building owner, or owner's representative/quality assurance agent to verify wall/ceiling assembly performance and to verify adhesion to prepared substrates before and during construction.

## 1.5 DELIVERY, STORAGE AND HANDLING

- A. Deliver products in original packaging, labeled with product identification, manufacturer, and batch number.
- B. Store products in a dry area with temperature maintained between 50 and 85 degrees F (10 and 29 degrees C). Protect from direct sunlight. Protect from freezing. Protect from extreme heat (>90 degrees F [32 degrees C]).
- C. Handle products in accordance with manufacturer's printed instructions.

## 1.6 WARRANTY

- A. Provide manufacturer's standard limited warranty.

## PART 2 PRODUCTS

### 2.1 MATERIALS

*Select finish system based on approved sample or mock-up*

- A. Finishes, primers, adhesives, stains and any other associated materials for the finish system shall be Class A building materials based on testing in accordance with ASTM E84. VOC (Volatile Organic Content) shall be less than 50g/L and shall comply with South Coast AQMD Rule 1113 requirements.
- B. Textured Finishes
  - 1. Stolit® – factory blended, decorative and protective, acrylic textured wall finish with integral color
  - 2. Stolit® X – factory blended, decorative and protective, acrylic textured wall finish with integral color, and enhanced polymer technology for easy spread and float application
  - 3. Stolit® HDP™ -- factory blended, decorative and protective, hydrophobic, acrylic textured wall finish with integral color
  - 4. Sto Essence DPR – factory blended, decorative and protective, acrylic textured wall finish with integral color
- C. Sto Specialty Finishes
  - 1. StoCreativ® Granite, StoCreativ® Lux, Sto GraniTex®, or Sto Decocoat® factory blended, decorative and protective clear acrylic textured wall finishes with blended aggregate color
- D. Sto Smooth Finishes
  - 1. Stolit® Milano – factory blended, decorative and protective acrylic-based smooth wall finish
  - 2. Stolit® Freeform – factory blended, decorative and protective acrylic-based wall finish (can be applied to create a smooth wall finish)
- E. Sto Signature™ Series Finishes – combinations of Sto factory prepared acrylic finishes that create special effect architectural surfaces with trowel techniques
- F. StoCast Finishes – Sto factory cast decorative and protective finishes
  - 1. StoCast Wood
  - 2. StoCast Brick

*Note: Priming is required over gypsum wallboard. Select one primer as applicable.*

- G. Primer
  - 1. StoPrime® Sand – acrylic-based sanded primer for use with Sto Textured Finishes, Sto Specialty Finishes, Sto Signature Finishes, and StoCast Finishes
  - 2. StoPrime® Smooth – acrylic-based smooth primer for use with Sto Smooth Finishes (Stolit Milano or Stolit Freeform applied to create a smooth wall finish)
- H. Accessories
  - 1. StoSeal STPE Sealant - high-movement, low modulus, non-sag one-component silyl-terminated polyether joint sealant in compliance with ASTM C920

## PART 3 EXECUTION

### 3.1 INSTALLATION

- A. General Surface Preparation: wall board substrates must be clean, dry, and free of surface contamination. Wall board must be installed in conformance with ASTM C840 and wall board manufacturer’s written installation instructions and finished to a minimum Level 4 finish.  
  
*Refer to [www.stocorp.com](http://www.stocorp.com) for the applicable finish and associated products for more complete information on aesthetics, use, application, handling, and limitations of Sto materials*
- B. Mixing
  - 1. Mix Sto products in accordance with published literature.
- C. Application
  - 1. Primer Application: apply the Sto primer by brush or roller to the prepared gypsum wallboard surface in accordance with Sto published literature.
  - 2. Finish Application: apply the finish in accordance with Sto published literature.
- D. Protection
  - 1. Provide protection of installed materials from water infiltration into or behind them.
  - 2. Provide protection of installed materials from dust, dirt, precipitation, freezing and continuous high humidity until they are fully dry.

#### ATTENTION

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