SECTION 079200 - JOINT SEALANTS: (continued) 3.4 JOINT-SEALANT SCHEDULE A. Schedule Designations for Elastomeric Sealants Based on ASTM C 920: Characteristic Sealant Material: Type: A. Preconstruction Field-Adhesion Testing: Before installing sealants, field test their adhesion to Project joint substrates. Test joint sealants according to Method A, Field-Applied Sealant Joint Hand Pull Tab, in Appendix X1 in For the Following Exterior A. Testing Agency Qualifications: Qualified according to ASTM C 1021 to conduct the testing indicated. A. Special Installer's Warranty: Manufacturer's standard form in which Installer agrees to repair or replace joint

Application: Use Any of the Following Vertical and Horizontal Non-Traffic Joints In: 100/50 Joints between different materials and exterior finish systems. 100/50 M 100/50 Perimeter between exterior finish systems and framing of doors, windows and louvers. 100/50 100/50 Joints not otherwise indicated. 100/50 50 percent compression and extension 25 percent extension and compression

Mark Description

Polyurea (rigid joint)

Single component

100/50 100 percent extension/ 50 percent compression

Silicone

Urethane

Pourable

SECTION 089516 - WALL VENTS:

A. Product Data: For each type of product.

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products

2. Extruded-aluminum louvers and frames, not less than 0.125-inch (3.18-mm) nominal thickness,

assembled by welding; with 18-by-14- (1.4-by-1.8-mm-) mesh, aluminum insect screening on inside

B. Aluminum Sheet: ASTM B 209 (ASTM B 209M), Alloy 3003 or 5005 with temper as required for

A. Protect unpainted surfaces that are in contact with concrete, masonry, or dissimilar metals from

A. Provide acrylic-based primer and super-hydrophobic finish coating for recoating vertical, above-grade, prepared

A. Manufacturer's Qualifications: The manufacturer shall be a company with at least thirty-five years of experience in

manufacturing specialty coatings and regularly engaged in the manufacture and marketing of products specified

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 experience in commercial coating application, and shall have completed at

least 3 projects of similar size and complexity. Contractor shall provide proof before commencement of work that he

C. Mock-ups: The contractor shall install a mock-up using proposed application means and methods to a wall area of

. Conduct tests in accordance with ASTM D 4541 on mock-up to verify adhesion of installed primer and top coat to

prepared substrate. Test at least 3 specimens and report results to design professional, building owner, or owner's

A. Deliver products in original packaging, labeled with product identification, manufacturer, batch number, and shelf

B. Store products in a dry area with temperature maintained between 50 and 85 degrees F (10 and 29 degrees C).

1. Sto Primer Smooth (80804): Vertical above grade primer for use over prepared and fully cured concrete, concrete

masonry, stucco, and EIFS. Use Sto Primer Smooth for filling porous, open texture surfaces (e.g. concrete

C. Finish Coating: Single component acrylic-based coating, containing acrylic polymer, and colored pigments with

2. Performance and Physical Properties: Meet or exceed the following values for material cured at 73 degrees F (23)

d. Resistance to Wind-driven Rain: No water penetration, weight gain <0.02 lbs (0.1 kg) for one coat, weight gain

h. Water Vapor Permeability: 40 perms (2280 ng/Pa.s.sq.m.), tested at 5 dry mils applied in two coats, ASTM E 96,

1. All surfaces must be clean, dry, sound, and free of frost and contamination such as mildew, dirt, grease, oils,

2. Use appropriate repair methods for the substrate to repair pitting, spalls, cracks, peeling, blistering, delamination,

water damage, or other defects that may exist. Repair defects in the structure such as failed or omitted sealants,

absence of flashing or coping, leaky windows, or other conditions that could allow water to enter into or behind the

3. Remove any loose, scaling, cracked or peeling paint from previously painted surfaces by chemical or mechanical

4. Mold & Mildew – Surface areas affected by mold and mildew should be treated with a commercial mildew removal

and/or wash product carefully following manufacturer's application and safety directions. Rinse thoroughly with clean

5. Coordinate installation with adjacent work to ensure proper sequence of construction. Protect adjacent areas and

1. Mix Sto products in accordance with published literature for the product. Mix for approximately 3 minutes using a

slow-speed drill and paddle to a uniform consistency. Avoid entrapping air in the liquid during mixing.

a. Apply Sto Plex W evenly with brush, roller or proper spray equipment to properly prepared mildly chalking

a. Apply 4-6 uniform wet mil coat of Sto Primer Smooth with brush, roller or proper spray equipment to prepared

3. Finish Top Coat: Apply two coats of StoCoat Lotusan at 5 – 7 wet mils, per coat, by brush, roller, or appropriate

spray equipment. Apply first coat directly to primed substrate and allow to dry completely before applying second

2. Provide protection of installed materials from dust, dirt, precipitation, freezing and continuous high humidity until

similar construction details to prevent water entry into wall assembly or into and behind the finish system. Seal

penetrations through the finished wall surface with backer rod and sealant or other appropriate means to provide a

3. Provide coping and/or flashing at sills, projecting features, deck attachments, roof/wall intersections, parapets and

means. Pressure washing is recommended. Follow necessary safety precautions and adjust pressure to avoid

Protect from direct sunlight. Protect from freezing. Protect from extreme heat (>90 degrees F [32 degrees C]).

herein. The manufacturer shall have an ISO 9001:2008 certified quality system and ISO 14001:2004 certified

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

at least 25 sq. ft. (2.32 sq.m.) for evaluation and approval by the design professional, building owner, or owner's

representative/quality assurance agent. Mock-up shall be sufficient size to adequately demonstrate proposed

2. Conduct tests during coating installation as directed by design professional, building owner, or owner's

representative/quality assurance agent to verify adhesion throughout the course of the installation.

C. Handle products in accordance with manufacturer's printed instructions.

A. Surface Conditioner – for chalked or highly absorbent existing painted surfaces

A. Product Data: Submit manufacturer's product data and installation instructions for each material and product

that may be incorporated into the Work include, but are not limited to, the following:

A. Aluminum Extrusions: ASTM B 221 (ASTM B 221M), Alloy 6063-T5, T-52, or T6.

C. Bituminous Paint: Cold-applied asphalt emulsion complying with ASTM D 1187.

forming, or as otherwise recommended by metal producer for required finish.

corrosion and galvanic action by applying a heavy coating of bituminous paint.

**SECTION 090709.92 - COATING RESTORATION** 

painted concrete, stucco, and masonry walls.

ASTM G 153 Carbon Arc Accelerated Weathering

ASTM D 6904 Resistance to Wind-driven Rain

ASTM E 84 Flame Spread and Smoke Developed

C. U.S. Environmental Protection Agency (USEPA)

B. South Coast Air Quality Management District (SCAQMD)

A. Extruded-Aluminum Wall Vents:

a. Construction Specialties, Inc.

d. Ruskin Company; Tomkins PLC

b. Greenheck Fan Corporation.

A. Section includes wall vents

1.2 ACTION SUBMITTALS

**PART 2 - PRODUCTS** 

2.1 WALL VENTS

c. Nystrom, Inc.

3. Finish: Mill.

PART 3 - EXECUTION

3.1 INSTALLATION

END OF SECTION

PART 1 GENERAL

1.2SUBMITTALS

1.3REFERENCES

Method 24 VOC

dates for the work.

16WARRANTY

2.1MATERIALS

wet cup method.

PART 3 EXECUTION

3.1INSTALLATION

C. Application

D. Protection

watertight condition.

**END OF SECTION** 

PART 2 PRODUCTS

A. ASTM International (ASTM)

ASTM D 412 Tensile Strength

ASTM D 3273 Mold Resistance

ASTM D 4541 Direct Tensile Bond

environmental management system.

application means and methods.

representative/quality assurance agent.

1.5DELIVERY, STORAGE AND HANDLING

A. Provide manufacturer's standard limited warranty.

1. Provide Sto Plex W: water-based surface conditioner

Lotus-Effect® Technology. Product shall comply with the following:

a. Working Time: 10-20 minutes, depending on ambient conditions.

f. Mold Resistance: No Mold Growth at 28 days, ASTM D 3273

g. Adhesion to Concrete: 550 psi (3.79 MPa), ASTM D 4541

i. VOC: <50 g/L, EPA 24, Complies with SCAQMD Rule 1113

water, and allow a minimum of 24 hours to dry thoroughly.

degrees C) and 50 percent relative humidity (unless otherwise specified).

c. Accelerated Weathering: 2000 hours, no deleterious effects, ASTM G155

e. Tensile Strength: 182 psi (1.25 MPa), minimum at break, ASTM D 412

salts, efflorescence and any other contamination that may affect adhesion

landscaping from contact due to mixing, handling, and installation of materials.

b. Follow application instructions on Sto Plex W, read product bulletin carefully.

coat. Final thickness of StoCoat Lotusan shall be minimum 2.5 dry mils, per coat.

1. Provide protection of installed materials from water infiltration into or behind them.

surface and allow to dry. Minimum final dry thickness shall be 1.8 mils.

1. 80217 StoCoat Lotusan, as manufactured by Sto Corp.

b. Application: Spray, roller, or brush.

Solids Content: 52%, by volume.

A. General Surface Preparation

damage to the underlying substrate.

1. Surface Conditioner Application:

<0.09 lbs (0.05 kg) for two coats, ASTM D 6904

ASTM E 96 Water Vapor Permeability

PART 1 - GENERAL

1.1 SUMMARY

B. Sealant Designations for Non-Elastomeric Sealants

Characteristic	Mark	Description	
Sealant Material:	E	Epoxy (rigid joint)	
	L	Latex	
	В	Butyl (solvent release)	
	Α	Acoustical sealant	

Applicable to sealant groups specified in Part 2

**END OF SECTION** 

## SECTION 083113 - ACCESS DOORS AND FRAMES

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Access doors and frames for exterior walls.

1.2 ACTION SUBMITTALS

A. Product Data: For each type of product. B. Shop Drawings: Include plans, elevations, sections, details, and attachments to other work.

C. Schedule: Types, locations, sizes, latching or locking provisions, and other data pertinent to installation. PART 2 - PRODUCTS

2.1 ACCESS DOORS AND FRAMES FOR EXTERIOR WALLS A. Manufacturers: Subject to compliance with requirements, provide products by one of the following: 1. Access Panel Solutions. 2. Acudor Products, Inc.

3. Babcock-Davis.

4. J. L. Industries, Inc.; Div. of Activar Construction Products Group. 5. Larsen's Manufacturing Company.

6. Milcor Inc. 7. Nystrom, Inc.

B. Source Limitations: Obtain each type of access door and frame from single source from single manufacturer. C. Flush Access Doors with Exposed Flanges: . Assembly Description: Fabricate door to fit flush to frame. Provide manufacturer's standard-width exposed flange, proportional to door size. 2. Locations: Exterior Wall.

3. Door Size: 24 inches by 24 inches 4. Metallic-Coated Steel Sheet for Door: Nominal 0.064 inch, 16 gage. a. Finish: Factory finish. 5. Frame Material: Nominal 0.064 inch, 16 gage galvanized steel.

6. Hinges: Stainless steel continuous piano type. Hardware: Lock. 8. Gasket: High performance extruded EPDM.

D. Hardware: 1. Lock: Cylinder.

2.2 MATERIALS

A. Steel Plates, Shapes, and Bars: ASTM A 36/A 36M. B. Steel Sheet: Uncoated or electrolytic zinc coated, ASTM A 879/A 879M, with cold-rolled steel sheet substrate complying with ASTM A 1008/A 1008M. Commercial Steel (CS), exposed. C. Metallic-Coated Steel Sheet: ASTM A 653/A 653M, Commercial Steel (CS), Type B; with minimum G60 or A60 metallic coating. D. Frame Anchors: Same type as door face.

E. Inserts, Bolts, and Anchor Fasteners: Hot-dip galvanized steel according to ASTM A 153/A 153M or ASTM F 2329.

A. General: Provide access door and frame assemblies manufactured as integral units ready for installation. B. Metal Surfaces: For metal surfaces exposed to view in the completed Work, provide materials with smooth, flat surfaces without blemishes. Do not use materials with exposed pitting, seam marks, roller marks, rolled trade names, or roughness. C. Doors and Frames: Grind exposed welds smooth and flush with adjacent surfaces. Furnish attachment devices

D. Latching Mechanisms: Furnish number required to hold doors in flush, smooth plane when closed. 1. For cylinder locks, furnish two keys per lock and key all locks alike.

and fasteners of type required to secure access doors to types of supports indicated.

A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes. B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective C. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast. D. Steel and Metallic-Coated-Steel Finishes:

1. Factory Finish: Immediately after cleaning and pretreating, apply manufacturer's standard two-coat, baked-on finish consisting of prime coat and thermosetting topcoat, with a minimum dry-film thickness of 1 mil for topcoat. PART 3 - EXECUTION

A. Comply with manufacturer's written instructions for installing access doors and frames. B. Install doors flush with adjacent finish surfaces or recessed to receive finish material.

3.2 ADJUSTING A. Adjust doors and hardware, after installation, for proper operation.

3.1 INSTALLATION

B. Remove and replace doors and frames that are warped, bowed, or otherwise damaged.

**END OF SECTION** 

EPSTEIN

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**Architect** 

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Project Address La Quinta Inn No. 2049

340 Park Ave

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## JASON P. CHANDLER

1.1 SUMMARY

SECTION 099000 - PAINTING

A. This Section includes painting of types and on surfaces indicated. 1.2 SUBMITTALS A. Submit product data for each paint system specified, including block fillers and primers.

B. Samples for Verification: Drawdown samples of each color and material to be applied, with texture to simulate 1. Apply draw-down at 4 mil wet film thickness on 4 inch x 6 inch Leneta form WD white coated cards. 2. Label each card with project name, date, product name and number, color number as stated in schedule, and name, address and telephone number of supplying facility. Resubmit until acceptable color and sheen is achieved.

1.3 PROJECT CONDITIONS A. Project Conditions: Apply paints only to dry surfaces and when surface to be painted and surrounding air temperature is between 50 and 90 deg F. Do not apply paint in wet weather.

1.4 MAINTENANCE MATERIAL SUBMITTALS A. Furnish extra materials, from the same product run, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents. 1. Paint: 5 percent, but not less than 1 gal. of each material and color applied.

2. Include the following information on material labels: a. Product description (generic classification or binder type). b. Manufacturer's stock number and date of manufacture. c. Contents by volume, for pigment and vehicle constituents.

d. Thinning instructions. e. Application instructions. f. Color name and number.

1. Latex Systems:

g. VOC content. PART 2 - PRODUCTS

A. Acceptable Products: Subject to compliance with requirements, provide products indicated. B. EXTERIOR CONCRETE (Cementitious Siding, Flexboard, Transite Board, Shingles (Non-Roof), Common Brick, Stucco, Tilt-up, Precast, and Poured-in-place Cement).

a. Satin Finish- Early Moisture Resistant: 1) 1st Coat: S-W Loxon Concrete & Masonry Primer Sealer, A24W8300 (8 mils wet, 3.2 mils dry). 2) 2nd Coat: S-W Duration Latex Satin, K33 Series

3) 3rd Coat: S-W Duration Latex Satin, K33 Series 2. Textured and Smooth Systems: a. Smooth (Water Based Finish):

1) 1st Coat: S-W Loxon XP, A24-1400 Series. 2) 2nd Coat: S-W Loxon XP, A24-1400 Series (14-18 mils wet; 6.4-8.3 mils dry).

C. EXTERIOR METAL SURFACES: 1. Previously Painted: (Hollow metal doors/frames, gas piping, window frames, metal railings, louvers/vents, gutters, bollards, metal light poles) a. Semi-Gloss Finish:

1) 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series (5.0 mils wet, 2.0 mils dry).

2) 2nd Coat: S-W Pro Industrial Waterbased Alkyd Urethane, B53-1150 Series 3rd Coat: S-W Pro Industrial Waterbased Alkyd Urethane, B53-1150 Series 2. Factory Finished: (Hollow metal doors/frames, gas piping, window frames, metal railings, louvers/vents, gutters, bollards, metal light poles) a. Semi-Gloss Finish:

1) 1st Coat: S-W DTM Bonding Primer, B66A50 2) 2nd Coat: Pro Industrial Waterbased Alkyd Urethane, B53-1150 Series 3rd Coat: S-W Pro Industrial Waterbased Alkyd Urethane, B53-1150 Series

D. EXTERIOR WOOD SURFACES: Siding, Trim, Shutters, Sashes, Hardboard-Bare/Primed. Latex Systems:

a. Satin Finish - Early Moisture Resistant Finish 1) 1st Coat: S-W Duration Exterior, K33 Series. 2) 2nd Coat: S-W Duration Exterior, K33 Series

D. Colors: Provide color selections made by the Architect/Engineer.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with the Applicator present for compliance with paint application requirements. Do not begin to apply paint until unsatisfactory conditions have been corrected and surfaces receiving paint are thoroughly dry. Start of painting will be construed as the Applicator's acceptance of surfaces and conditions within a particular area. B. Maximum Moisture Content of Substrates: When measured with an electronic moisture meter as follows: 1. Concrete: 12 percent. 2. Masonry (Clay and CMU): 12 percent.

C. Apply paints only when temperature of surfaces to be painted and ambient air temperatures are between 50 and 95 deg F. Do not apply paints when relative humidity exceeds 85 percent, at temperatures less than 5 deg F

above the dew point or to damp or wet surfaces. 3.2 PREPARATION A. General: remove hardware and hardware accessories, plates, machined surfaces, lighting fixtures, and similar items already installed that are not to be painted. If removal is impractical or impossible because of size or weight

of the item, provide surface-applied protection to items and surfaces not scheduled to be painted before surface preparation and painting. B. Clean and prepare surfaces to be painted according to manufacturer's written instructions for each substrate condition. Remove oil and grease before cleaning. Provide barrier coats over incompatible primers or remove and reprime.

3.3 APPLICATION A. Apply paint according to manufacturer's written instructions. Use applicators and techniques best suited for substrate and type of material being applied. Do not paint over dirt, rust, scale, grease, moisture, scuffed surfaces, or conditions detrimental to formation of a durable paint film. B. Do not apply succeeding coats until the previous coat has cured as recommended by the manufacturer and

will not lift previous applications. C. Apply paint materials at manufacturer's recommended spreading rate to achieve total dry film thickness of the entire system as recommended by the manufacturer. 1. Prime coats: before applying finish coats, apply a prime coat, as recommended by manufacturer, to material that is required to be painted or finished and that has not been prime coated by others. Recoat primed and sealed surfaces where evidence of suction spots or unsealed areas in first coat appears, to ensure a finish coat with no burn-through or other defects due to insufficient sealing. 2. Pigmented (opaque) finishes: completely cover surfaces as necessary to provide a smooth, opaque surface of

uniform finish, color, appearance, and coverage. Cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness, or other surface imperfections will not be acceptable. 3. Paint exposed surfaces, except where these specifications indicate that the surface or material is not to be painted or is to remain natural. If an item or a surface is not specifically mentioned, paint the item or surface the same as similar adjacent materials or surfaces. If a color of finish is not indicated, architect/engineer will select from standard colors and finishes available.

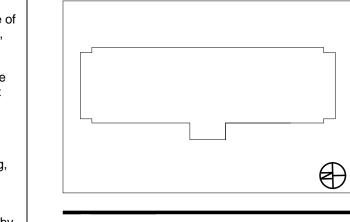
4. Do not paint prefinished items, concealed surfaces, finished metal surfaces, operating parts, and labels. a. Paint colors, surface treatments, and finishes are indicated in the paint schedule in this section and the color legend on the elevation sheets. b. Apply paints to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking,

runs, sags, ropiness, or other surface imperfections. Cut in sharp lines and color breaks. A. Protect work of other trades against damage from paint application. Correct damage to work of other trades by

cleaning, repairing, replacing, and refinishing, as approved by Architect, and leave in an undamaged condition. B. At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces.

**END OF SECTION** 

ALL DIMENSIONS SHOWN TO BE FIELD VERIFIED U.N.O.



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NO. DATE REVISIONS/ISSUANCES

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www.epsteinglobal.com PROJECT NUMBER PROJECT MANAGER: ARCH/ENG: 3/32" = 1'-0" SCALE: DRAWN BY:

New York

Bucharest

**OUTLINE SPECIFICATIONS** 

**CHECKED BY** 

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