



**GUIDE SPECIFICATION  
SECTION 092400**

## **WBP Specifications**

**EXTERIOR STUCCO FINISH: BASE A & B EXTERIOR STUCCO FINISH, PAINT BASE EXTERIOR STUCCO FINISH & LOW PH PAINT BASE EXTERIOR STUCCO FINISH (W1K LOW PH SYSTEM).**

This guide specification prepared by Western Blended Products is available in printed and electronic form as an aid to specifiers in preparing written construction documents for the application of conventional Exterior Stucco Finishes texture coats over Western 1-Kote & Western Blended Products Conventional Stucco Systems. Codes and requirements may have changed from the published date of this specification. Check with Western Blended Products (WBP) or WBP Approved Manufacturers for required updates.

Modify or add items as necessary. Delete items that are not applicable. Brackets ( ) reflect a choice to be made regarding inclusion or exclusion of a particular item or statement. Italic sentences give special instructions.

### PART I – GENERAL

#### 1.1 SCOPE:

- A. This specification describes the minimum requirements for the application of Western Blended Products Exterior Stucco Finish

#### 1.2 REFERENCES:

- A. 2018, 2015, 2012 & 2009 International Building Code (IBC) & International Residential Code (IRC)
- B. Northwest Walls and Ceilings Bureau: Portland Cement Plaster Resource Guide - Latest Revision
- C. International Building Code: Current Adopted Edition
- D. C 926 – Specification for Application of Portland Cement-Based Plaster.
- E. C 150 – Specification for Portland Cement

#### 1.3 QUALITY ASSURANCE:

- A. Manufacturers: Sacramento Stucco, Western Stucco, Rio Grande Stucco and Western Blended Products Approved Manufacturers.
- B. Contractor shall provide trained personnel qualified to install lath, plaster and finishes per the scope of work described in this specification.

#### 1.4 DELIVERY, STORAGE AND HANDLING:

- A. Deliver, store, handle, and protect products for use on the project.
- B. Deliver product to job site:
  - 1. Without exposure to weather or other forms of moisture.
  - 2. In manufacturer's unopened container, packages or bundles; clearly identified.
- C. Store in dry, ventilated space off of the ground.
- D. Protect materials from soiling, rusting and damage

#### 1.5 SITE CONDITIONS:

- A. Contractor shall have reasonable and safe access to the jobsite for delivery, staging, storing, mixing and application of materials required for the described scope of work.

**1.6 ENVIRONMENTAL CONDITIONS:**

- A. Cold Weather Requirements: Provide heat and protection, temporary or permanent, as required to protect each coat of plaster from freezing – during and at least 24 hours after application or longer – to insure curing of the base and finish coats without freezing. Distribute heat uniformly to prevent concentration of heat on plaster near heat sources; provide deflection or protective screens. (Use of Western Blended Products Xccelerate Cold Weather Non-Chloride additive is permissible.)
- B. Warm Weather Requirements: Protect plaster against uneven and excessive evaporation and from strong flows of dry air, both natural and artificial. Apply and moist cure plaster to prevent dry-out during the first forty-eight (48) hours or longer as required by climatic conditions. Provide suitable coverings, moist curing, barriers to deflect sunlight and wind, or combinations of these as required.
- C. Application Requirements: Apply plaster when substrate and ambient air temperature is 40°F and rising. Do not use frozen materials in mixes and do not apply materials to frozen bases. Do not apply if temperatures are above 95°F.
- D. Protection: Protect finished surface installed prior to plastering by covering with suitable drop cloths. When application of cement plaster is to interior spaces, screen openings with plastic film when building is subject to hot, dry winds, or when temperature differentials between interior and exterior spaces of more than 20°F are present.

**1.7 SEQUENCING:**

- A. The General Contractor shall coordinate communications between the trades and scheduling of the work prior to project commencement and while the work is in progress.
- B. Consult other trades in advance and make provisions for their work to avoid cutting and patching.
- C. Applicator of the Cement Plaster System shall schedule all inspections required by local authorities or product manufacturers, at each required stage, before continuing with the next stage of the system.

**PART II – PRODUCTS****2.1 MANUFACTURERS:**

- A. Sacramento Stucco Company, West Sacramento, CA.
- B. Western Stucco Company, Glendale, AZ.
- C. Rio Grande Stucco Company, El Paso, TX
- D. Approved Western Blended Products Manufacturer

**2.2 PLASTER MATERIALS:**

- A. Base A Exterior Stucco Finish - Texture: \_\_\_\_\_ (Color # \_\_\_\_\_, Color Name: \_\_\_\_\_ Optional).
- B. Base B Exterior Stucco Finish - Texture: \_\_\_\_\_ (Color # \_\_\_\_\_, Color Name: \_\_\_\_\_ Optional).
- C. Paint Base Exterior Stucco Finish - Texture: \_\_\_\_\_
- D. Low pH Paint Base Exterior Stucco Finish - Texture: \_\_\_\_\_
- E. Integral Color Exterior Stucco - Texture: \_\_\_\_\_ (Color # \_\_\_\_\_, Color Name: \_\_\_\_\_)

**PART III – EXECUTION****3.1 EXAMINATION:**

- A. Verify that surfaces and site conditions are ready to receive work.  
Include sections B and C if any cement plaster is to be installed over concrete or masonry surfaces.
- B. ((Masonry: it is recommended that joints are cut flush) Verify no bituminous, water repellent coatings or other foreign matter exists on masonry surface.))
- C. (Concrete: Verify surfaces are flat, honeycomb is filled flush, and surface is ready to receive work from this Section. Verify no bituminous, water repellent, form release agents or other foreign matter exists on concrete surface that are detrimental to plaster.)

**3.2 PREPARATION:**

- A. Protect surfaces near the work of this Section from damage or disfiguration. Protect fixtures, frames, inserts and other adjacent work from rusting, soiling or clogging due to plastering.
- B. Dampen cement plaster before application of Exterior Stucco.
- C. A bonding agent shall be applied over polymer modified basecoats and paint coatings before application of Western Blended Products Exterior Stucco Finish.

Include Sections D, E & F if any cement plaster is to be installed over concrete or masonry surfaces.

- D. (Dampen masonry surfaces to reduce excessive suction.)
- E. (Clean concrete surfaces of foreign matter. Wash surfaces with clean water.)
- F. (Roughen smooth concrete surfaces. Apply an approved bonding agent to block, concrete or masonry surfaces.)
- G. When used in a W1K Low pH Stucco System, installed basecoat must be Western 1-Kote Premium Sanded Gray. Finish coat for this type of system must be Low Ph Paint Base Exterior Stucco Finish.

**3.4 MIXING:**

- A. Western Blended Products Exterior Stucco Finish is mixed with clean water in a mechanical mixer for ten to twelve-minutes. Two to three gallons of water are added until the mix is at a working consistency. Amount of water may vary do to weather conditions and desired texture. The contractor shall be consistent from batch to batch with the quantities of water.
- B. Mixing: (Color Packages) Color Packages for each batch shall be mixed thoroughly in a pail of clean, potable water before being added to the appropriate base (A or B) as designated on the chart. The diluted color shall be added to 1 sack of Exterior Stucco Finish and 5 gallons of water and allowed to completely disperse through the slurry. When the color is completely dispersed, add additional sacks of Exterior Stucco Finish to complete the batch. Do not add water over the recommended amount for one bag if additional bags will not be batched together at the same time.
- C. Continuous batching (adding additional sacks to an existing batch) is recommended for either Premixed Stucco or batches consisting of base and color packages.

**3.5 APPLICATION:**

- A. Western Blended Products Exterior Stucco Finish shall be applied by hand or machine application to a finished thickness of 1/16 to 1/8 inch.
- B. Hand Application over portland cement base- Prior to application of Exterior Stucco Finish, the base coat shall be sprayed with clean water to control and equalize water absorption
- C. Machine Application over portland cement base - Base coat shall be dry. (It is not necessary to spray the base coat before application of Exterior Stucco Finish by machine, as the compound itself has ample moisture when mixed for this purpose.) Spray the first coat in a thin consistency over the dry surface and cover base coat completely. After first coat has dried, which may take two or more hours depending on climatic conditions, spray second coat in a thicker consistency and bring to the desired texture. Second coat may be sprayed the following day.

**3.6 CURING:**

- A. Western Blended Products Exterior Stucco Finishes must be hydrated for the first forty-eight (48) hours after application to ensure proper curing. Low pH Paint Base Exterior Stucco Finish must be cured the same day of installation and curing must continue for a minimum of twenty-four (24) hours as part of a W1K Low PH Stucco System. Environmental conditions will determine the schedule and volume of hydration. Hot, windy or dry conditions may dictate curing for an extended period.
- B. Western Blended Products Exterior Stucco Finishes requires moist curing in hot, dry or windy conditions. Cementitious base coats and finishes are high pH surfaces. When used in a W1K Low pH Stucco System, the exterior stucco finish coating (Low pH Paint Base Exterior Stucco Finish) shall yield acceptable pH levels for exterior paint applications after 48 hours of installation. When paint coatings are applied, follow manufacturers' recommendations for pH compatibility.

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