



**GUIDE SPECIFICATION
SECTION 092400**

WBP Specifications

**BPS KOTE - BONDING, PATCHING & SKIM COATING FOR CEMENT PLASTER.
CRACK RESISTANT SYSTEMS (CRS) FOR WESTERN BLENDED PRODUCTS (WBP) ONE-COAT AND CONVENTIONAL SYSTEMS.**

This guide specification prepared by Sacramento Stucco is available in printed and electronic form as an aid to specifiers in preparing written construction documents for the application of BPS Stucco for use as a skim coat or mesh embedment coat (Crack Resistant System - CRS) for cement plaster. Codes and requirements may have changed from the published date of this specification. Check with manufacturer 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 BPS Stucco with or without imbedded mesh over portland cement plaster.

1.2 REFERENCES:

- A. Western 1-Kote IAPMO Evaluation Report # 382
- B. 2015, 2012 & 2009 International Building Code (IBC) & International Residential Code (IRC)
- C. Northwest Walls and Ceilings Bureau: Portland Cement Plaster Resource Guide - Latest Revision

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 from freezing – during and at least 24 hours after application or longer. When heaters are used, distribute heat uniformly.
- B. Warm Weather Requirements: Protect BPS Stucco against uneven and excessive evaporation and from strong flows of dry air, both natural and artificial. Provide suitable coverings, barriers to deflect sunlight and wind, or combinations of these as required.

- C. Application Requirements: Apply BPS Stucco when substrate and ambient air temperature are 40 degrees F and rising. Do not apply in temperatures over 95°.
- D. Protection: Protect existing surfaces prior to plastering by covering with suitable drop cloths.

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. Ash Grove Packaging, Precision Packaging, Materials Packaging

PART III – EXECUTION**3.1 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. Surface must be structurally sound, clean and dry. BPS Stucco may not be applied to frozen surfaces or surfaces containing frost. Surfaces shall be free of all bond-inhibiting materials including dirt, efflorescence and other foreign matter. Loose material shall be removed by water blasting, sandblasting or by mechanical wire brushing.
- C. Do not apply BPS Stucco below grade or on surfaces with less than a 30° slope.
- D. A re-emulsifying surface bonding agent shall be applied over polymer modified basecoats before application of BPS Stucco.

3.2 Mixing

- A. Each 50-lb. sack of BPS Stucco is mixed with 1.25 gallons of potable water in a clean pail and drill mixed with a paddle mixer. Initial mixing time is approximately 3 minutes or until the material is thoroughly wet.
- B. The material shall stand for 5 minutes. Add additional water as needed (up to 6 ounces.) and mix until additional water is properly dispersed.

3.3 Application – Choose Method A or B from below.

- A. Skim Coat over Cement Plaster
 - i. When BPS Stucco is applied over a porous surface such as portland cement plaster or block, base shall be sprayed with clean potable water to control and equalize water absorption.
 - ii. Apply 1/16" thick BPS Stucco with a steel trowel over portland cement. Smooth plaster with trowel.
- B. With Embedded Mesh - Crack Resistant System (CRS) (*Required for 7+ year system warranty*)
 - i. When BPS Stucco is applied over a porous surface such as portland cement plaster or block, base shall be sprayed with clean potable water to control and equalize water absorption.
 - ii. Mesh shall be minimum 5 oz. per square yard. Overlap at vertical and horizontal edges shall be 2.5 inches.
 - iii. Embed mesh in a 1/16" thick layer of BPS Stucco. Use trowel to apply pressure to fully embed the mesh. Smooth plaster with trowel. An additional coat may be required if mesh is visible.

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