



This Guide Specification is intended for use by design professionals. Edit to suit project requirements and coordinate with Division 01.

Specifier Note: The Western One-Pass Product and System are specified under a separate Section and are not included within this Section. Refer to Western Blended Products Western One-Pass Guide Specification.

GS Guide Specification

PART 1 – GENERAL

Access current system documentation and technical data.

1.1 SUMMARY



Conventional System Page

A. Section Includes:

1. Conventional three-coat exterior portland cement plaster system.
2. Scratch coat, brown coat, and finish coat assemblies.
3. Metal lath and accessories.
4. Optional Crack Resistant System (CRS).
5. Exterior finish coatings.

B. System Applications:

The Conventional Exterior Stucco System includes:

1. Three-Coat Conventional Application:
 - Scratch coat.
 - Brown coat.
 - Finish coat.
 - Total nominal thickness in accordance with ASTM C926 and applicable code.
2. Scratch and Double-Back Method:
 - Initial scratch coat application.
 - Followed by additional plaster application to achieve required total thickness.
 - Installed in accordance with 2024 IBC Section 2512.8 (Alternate Method of Application).

C. Related Sections:

1. Section 06 16 00 – Sheathing.
2. Section 07 27 00 – Weather-Resistive Barriers.
3. Section 07 62 00 – Sheet Metal Flashing and Trim.
4. Section 07 92 00 – Joint Sealants.
5. Section 09 24 23 – Crack Resistant System (CRS).

1.2 REFERENCES

- A. ASTM C926 – Application of Portland Cement-Based Plaster.
- B. ASTM C1063 – Installation of Lathing and Furring to Receive Portland Cement-Based Plaster.
- C. ASTM C847 – Metal Lath.
- D. ASTM C150 – Portland Cement.
- E. ASTM C897 – Aggregate for Job-Mixed Portland Cement-Based Plasters.
- F. ASTM C144 – Aggregate for Masonry Mortar.
- G. 2024 International Building Code (IBC).
- H. 2024 International Residential Code (IRC).

Where conflicts occur, the governing building code shall control.

1.3 SYSTEM DESCRIPTION

A. General:





This Guide Specification is intended for use by design professionals. Edit to suit project requirements and coordinate with Division 01.

Specifier Note: The Western One-Pass Product and System are specified under a separate Section and are not included within this Section. Refer to Western Blended Products Western One-Pass Guide Specification.

GS Guide Specification

The Conventional Exterior Stucco System is a field-applied portland cement plaster assembly consisting of metal lath, scratch coat, brown coat, and finish coat installed in accordance with ASTM C926 and ASTM C1063.

B. System Components:

1. Approved substrate.
2. Code-compliant weather-resistive barrier.
3. Self-furred metal lath.
4. Conventional stucco basecoat material.
5. Optional Crack Resistant System (CRS).
6. Selected finish system.

C. Basecoat Options:

1. Top Gun Premium Plaster Concentrate (field mixed with sand), or
2. Top Gun Premium Plaster Sanded, or
3. Insulite Lightweight Stucco.

D. Basecoat Thickness:

1. Three-coat conventional stucco shall be applied to the minimum thickness required by ASTM C926 and applicable code.
2. Scratch and Double-Back applications shall comply with 2024 IBC Section 2512.8 and achieve required total nominal plaster thickness.

E. Finish Coat Options:

1. WBP Exterior Stucco Finish.
2. WBP Premium Acrylic Finish with PAF Primer where required.
3. WBP Specialty Finishes
4. Exterior Finish Coatings by approved WBP Manufacturers.
5. Standard acrylic paints or elastomeric coatings in accordance with the finish coat installation instructions.

F. The system is non-structural and does not eliminate cracking caused by structural movement, substrate instability, improper joint placement, or building movement.

1.4 SUBMITTALS

A. Product Data:

1. Top Gun Premium Plaster Technical Data Sheet.
2. Insulite Lightweight Stucco Technical Data Sheet (if specified).
3. Exterior Finish Coat Technical Data Sheet.
4. CRS Technical Data Sheet (if specified).

B. Warranty Documentation:

1. Submit manufacturer's warranty for specified warranty tier.

C. Samples:

1. Finish texture and color samples when required.





This Guide Specification is intended for use by design professionals. Edit to suit project requirements and coordinate with Division 01.

Specifier Note: The Western One-Pass Product and System are specified under a separate Section and are not included within this Section. Refer to Western Blended Products Western One-Pass Guide Specification.

GS Guide Specification

1.5 QUALITY ASSURANCE

A. Installer Qualifications:

1. Installer shall be experienced in application of cement plaster systems.
2. Installation shall comply with Ewith ASTM C926 and ASTM C1063, and manufacturer's written instructions.

B. Pre-Installation Conference:

1. Conduct conference when required by Division 01.
2. Review substrate preparation, flashing integration, lath installation, curing, and finish coordination.

C. Mockups:

1. Provide mockup when required by Contract Documents.
2. Mockup shall include plaster basecoat, CRS layer (if specified), and specified finish.
3. Approved mockup may serve as standard of workmanship.

D. Control Joints:

1. Control joints shall comply with project drawings and specifications prepared by the design authority, or ASTM C1063.

1.6 DELIVERY, STORAGE AND HANDLING

A. Deliver materials in original, unopened packaging with manufacturer identification.

B. Store materials off ground in dry, ventilated area protected from moisture and freezing.

C. Protect materials from contamination and weather exposure.

1.7 PROJECT CONDITIONS

A. Environmental Requirements:

1. Do not install components when ambient or substrate temperatures are below 40°F (4.4°C) or above 100°F (38°C).
2. Protect materials from freezing during application and curing.

B. Curing:

1. All cementitious components require a minimum of forty-eight (48) hours moist curing.
2. Extend curing period when required by environmental conditions.

1.8 COORDINATION

A. Coordinate installation of the Conventional Exterior Stucco System with the following:

1. Installation of sheathing and substrate framing to ensure structural compliance.
2. Installation of weather-resistive barriers to maintain continuity of the drainage plane.
3. Installation of flashings at openings, penetrations, terminations, and transitions to adjacent materials.
4. Installation of control joints and coordination at building expansion joints affecting the stucco assembly.
5. Installation of sealants at dissimilar material interfaces.





This Guide Specification is intended for use by design professionals. Edit to suit project requirements and coordinate with Division 01.

Specifier Note: The Western One-Pass Product and System are specified under a separate Section and are not included within this Section. Refer to Western Blended Products Western One-Pass Guide Specification.

GS Guide Specification

B. Ensure that substrates are properly prepared and that WRB, flashing, and penetrations are completed prior to installation of lath and basecoat.

C. Coordinate placement of control joints and building expansion joints affecting the stucco assembly with the design authority. Control joints shall be located and detailed in accordance with the Contract Documents prepared by the design authority. Installation of control joints shall otherwise comply with ASTM C1063.

D. Do not install stucco components until unsatisfactory substrate conditions have been corrected.

PART 2 – PRODUCTS

2.1 MANUFACTURER

A. Basis of Design: Western Blended Products (WBP).

B. Products shall be manufactured by Western Blended Products or produced under WBP's license.

C. Substitutions shall comply with Division 01 requirements.

2.2 MATERIALS

A. Top Gun Premium Plaster Concentrate:

1. Factory-prepared cementitious concentrate designed to be field mixed with sand meeting ASTM C897 or ASTM C144.
2. Installed as scratch and brown coats in conventional stucco assemblies.

B. Top Gun Premium Plaster Sanded:

1. Factory-prepared, pre-blended sanded portland cement plaster.
2. Installed as scratch and brown coats in conventional stucco assemblies.

C. Insulite Lightweight Stucco:

1. Factory-prepared, lightweight portland cement plaster basecoat.
2. Installed as scratch and brown coats in conventional stucco assemblies.

All basecoat materials shall be applied in accordance with manufacturer's written instructions and ASTM C926.

2.3 LATH AND ACCESSORIES

A. Metal lath complying with ASTM C847.

B. Installation in accordance with ASTM C1063.

C. Accessories:

1. Casing beads.
2. Weep screeds.





This Guide Specification is intended for use by design professionals. Edit to suit project requirements and coordinate with Division 01.

Specifier Note: The Western One-Pass Product and System are specified under a separate Section and are not included within this Section. Refer to Western Blended Products Western One-Pass Guide Specification.

GS Guide Specification

3. Control joints.
4. Expansion joints.
 - Control joints and building expansion joints affecting the stucco assembly shall be located and detailed in accordance with the Contract Documents prepared by the design authority. Installation of control joints shall otherwise comply with ASTM C1063.

2.4 WEATHER-RESISTIVE BARRIER

- A. Code-compliant WRB installed in accordance with applicable building code.
- B. Integration with flashings shall maintain continuity of drainage plane.

2.5 OPTIONAL CRACK RESISTANT SYSTEM (CRS)

- A. When specified, install Crack Resistant System in accordance with Section 09 24 23 – Crack Resistant System.
- B. CRS shall be applied over cured plaster basecoat prior to finish application.
 1. BPS Armor CRS reinforcing basecoat.
 2. Alkali-resistant fiberglass reinforcing mesh.
 3. Installed at minimum 1/16-inch embedment thickness.

2.6 FINISH COATS

- A. WBP Exterior Stucco Finish.
- B. WBP Premium Acrylic Finish with PAF Primer where required.
- C. WBP Specialty Finishes.
- D. Exterior Finish Coatings by approved WBP Manufacturers.
- E. Standard acrylic paints or elastomeric coatings.
 1. All coatings applied in accordance with manufacturer's written instructions.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Verify substrates:
 1. Structurally sound.
 2. Are properly braced.
 3. Free of bond-inhibiting materials.
 4. Properly prepared to receive lath and plaster.
- B. Do not proceed until unsatisfactory conditions are corrected.





This Guide Specification is intended for use by design professionals. Edit to suit project requirements and coordinate with Division 01.

Specifier Note: The Western One-Pass Product and System are specified under a separate Section and are not included within this Section. Refer to Western Blended Products Western One-Pass Guide Specification.

GS Guide Specification

3.2 PREPARATION

- A. Install weather-resistive barrier in accordance with code.
- B. Integrate flashing components to maintain positive drainage.
- C. Install metal lath in accordance with ASTM C1063.
- D. Install control joints and coordinate building expansion joints affecting the stucco assembly as detailed in the Contract Documents. Installation of control joints shall otherwise comply with ASTM C1063.

3.3 INSTALLATION

- A. Apply scratch coat in accordance with ASTM C926.
- B. Ensure uniform embedment and proper rodding to achieve consistent thickness.
- C. Apply brown coat after scratch coat has set sufficiently.
- D. Hard-float the plaster to promote densification.
- E. Total plaster thickness shall comply with ASTM C926 and applicable code.
- F. Where Scratch and Double-Back method is used, installation shall comply with 2024 IBC Section 2512.8.
- G. Moist cure for minimum 48 hours.
- H. Where CRS is specified, install reinforcing system prior to finish application.

3.4 CURING AND PROTECTION

- A. Maintain moist curing for minimum 48 hours.
- B. Protect installed materials from freezing, rapid drying, precipitation, and damage until adequately cured.

3.5 FINISH APPLICATION

- A. Apply selected finish coating after basecoat curing.
- B. Verify uniform texture and finish consistency.

3.6 FIELD QUALITY CONTROL

- A. Verify basecoat thickness.
- B. Verify placement of control joints and integration at building expansion joints conform to the Contract Documents.
- C. Inspect for uniform texture and finish consistency.

END OF SECTION 09 24 23

