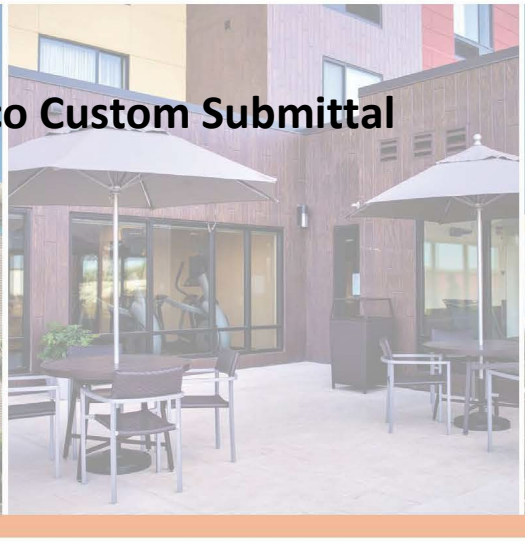
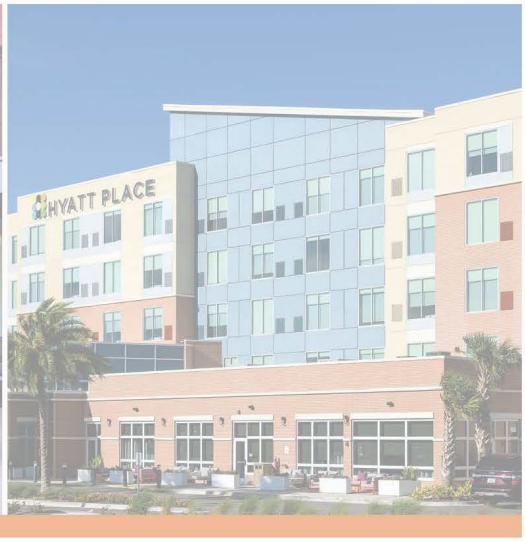




Cemplaster Fiberstucco Custom Submittal

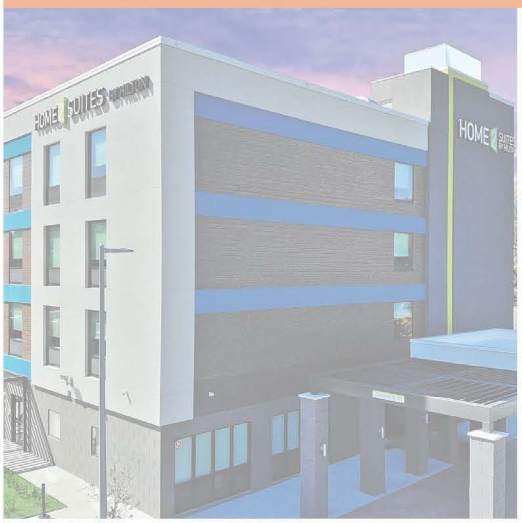
Project:

Architect:

General Contractor:

Applicator:

Master Wall Inc.®










masterwall.com

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Custom Wall System Components

Cemplaster Fiberstucco (CFS)

CFS02 Master Wall Cemplaster Fiberstucco* with AirSTOP direct to Masonry/Concrete (no Rollershield), 5/8" thick <+3>
**Cemplaster Fiberstucco available with certain QUIKRETE® and WESTERN Blended products as part of our warranty program.*

Surface Reinforcing Mesh (SRM) & Leveling Base Coats (LBC) and Foam Trims

LBC02 MBBP Skim Coat with Master Wall Standard Reinforcing Mesh <+2> (optional)

Primers (PRIME), Finish Additives (FA), Finish Options (FIN)

PRIME01 Primecoat or Sanded Primecoat tinted primer <+1>
FIN01 Superior Finish/Specialty Finish <+1>

Master Wall® Limited Warranty: 5-7 Years

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Cemplaster Stucco

Labor & Material Limited Warranty

Master Wall Inc.® warrants the properly designed and installed Cemplaster Stucco System and materials for terms noted above from the date of installation. Master Wall Inc.'s exclusive liability under this warranty is to supply replacement materials and labor or corrective procedures, if it is shown that the materials supplied by Master Wall Inc., were defective when installed by the Master Wall Inc. certified applicator. Remedies shall be solely determined by Master Wall Inc. and no other warranties are expressed or implied. For a valid warranty, the system and products must be installed in accordance with Master Wall Inc.'s written recommendations, specifications, details, bulletins and other project-specific written recommendations. Master Wall Inc. must be notified in writing within 10 business days of the original discovery of the defect.

Master Wall Inc., is not responsible for structural conditions, design conditions beyond those noted in our literature, architecture, engineering or workmanship of any project. Cemplaster Stucco may have hairline cracks, spalling, fastener popping or efflorescence, which are not considered product defects. Materials must be properly stored and applied in a timely manner. Workmanship, aesthetics and installation are beyond the scope of this warranty as are any deviations from Master Wall Inc. Documents not specifically approved in writing.

Abuse, misuse, excessive weather or environmental conditions beyond what the products or systems have been tested, designed or approved for is expressly limited. Certain colors with organic pigments are less fade-resistant than others. The building, system and products must be properly maintained in accordance with Master Wall Inc., documents, local environmental conditions and good building practices. In no case is Master Wall Inc. responsible for incidental and consequential damages.

This warranty becomes effective only when all bills for the components of the system have been paid.

Except as stated, Master Wall, Inc., expressly disclaims any warranty of merchantability or fitness for a particular purpose. The above remedies are to be deemed exclusive.

This is a sample of the warranty and is not the final warranty. A final warranty must be requested to be valid.

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PRODUCT DATA

AIRSTOP FOR CMU

Master Wall® AirSTOP for CMU is a premium dry polymer modified Portland cement-based air and water barrier that integrates into approved Cemplaster Fiberstucco and approved Cobrand stucco products for a complete air and water solution over concrete and masonry substrates. AirSTOP is a dual purpose product that may be applied under ASTM C926 stucco as a concealed application or as a skim or leveling coat on the surface.

FEATURES & BENEFITS

- Air Control
- Adds Water Resistance
- Stucco Scratch Coat
- Stucco Leveler
- Vapor Open
- Convenient Bags for easy storage

Application Temperature: 40°-110°F (5°-43°C) Working Time: 1 hr. Set Time: 8-12 hrs. Dry Time: 12 hrs. at room temperature, working and drying time will vary with temperature and humidity.

JOB CONDITIONS

Job Conditions - Air and substrate temperature for application of AirSTOP for CMU must be 40°F (5°C) or higher and must remain 40°F (5°C) or higher for a minimum of 24 hours. Provide temporary protection to protect the wall system from damage until permanent flashings, caps and sealants are installed. Store materials within prescribed temperature limits and out of direct sunlight. Working and drying times are based upon normal room temperature conditions and will vary with temperature and humidity.

Installer must verify that deflection IS L/360 minimum or greater in compliance with veneer structural requirements.

PREPARATION

The substrate must be approved by Master Wall Inc®., clean, dry, structurally sound and free of efflorescence, oil, grease, form release agents and curing compounds or anything that would affect bond. Painted surfaces are not acceptable and must be removed. Concrete and masonry surfaces should cure for a minimum of 28 days.

Coverage per bag (sf/m²)*

Skim & Scratch Coat:
90-100 ft² (8.4 – 9.3 m²)

Skim Coat:
130-150 ft² (12.1 – 13.9 m²)

**Coverages are approximate and will vary depending on mix ratio with water, application technique, waste factor, surface conditions, and other variables that may exist. Construct a mock- up under actual conditions of use to verify proper surface preparation, coverage, and method of application, for approval by the appropriate authority.*

Packaging/Shelf Life/Storage

Packaging: 50 lb (23 kg) bag

Shelf Life: 1 year

Storage: Store off the ground in a cool, dry area. Protect from extreme heat, moisture, and direct sunlight.

Technical Data

- *Compression (ASTM C270)*
  24 hours - 500 psi (3447 kPa)
  7 day - 2700 psi (18,615 kPa)
  28 day - 3350 psi (23,097 kPa)
- *Tensile Strength (average)*
  7 day - 310 psi (2137 kPa)
  28 day - 395 psi (2723 kPa)
- *Shear Strength (average)*
  7 day dry - 467 psi (3219 kPa)
  7 day wet - 395 psi (2723 kPa)
  28 day dry - 537 psi (3702 kPa)
- *Sag Resistance*
  0-.485
- *Water Vapor Transmission*
  Vapor Permeable
- Air Leakage Resistance (ASTM E2178)
  <0.004 cfm/ft² @ 1.57 psf
  (< 0.02 L/m²s @ 75 Pa)
- Complies with 2018, 2021 and 2024 IBC, IRC, and IECC requirements as an air barrier material
- Complies with 2020, 2023 FBC requirements as an air barrier material
- Complies with 2020, 2023 FBC requirements as an air barrier assembly when used with Master Wall® SuperiorShield components and other components specified by the code

APPLICATION PROCEDURE

Verify that surfaces are fully cured, structurally sound, clean, dry, and free of frost, damage, and all bond-inhibiting materials, including dirt, dust, grease, efflorescence, form oil, curing compounds, paints or coatings, salts, laitance, or other surface conditions that could interfere with adhesion. The surface should be absorbent and slightly scarified or have surface roughness. Loose or weak materials must be removed, and surface damage must be repaired.

Concrete Masonry: provide open texture concrete masonry units with flush joints and free of surface contamination. Remove projecting mortar so it is even with the plane of the wall.

Concrete: Remove form release agents or other surface contamination, remove form ties and correct surface defects such as spalls or honeycombs with AirSTOP. Provide a surface that is slightly scarified.

If adhesion is in question conduct tensile bond tests as directed by design professional to verify adequacy of adhesion to the substrate. Conduct sufficient tests in a sufficiently wide area to ensure results are representative of the surface conditions on the project.

Where the surface is too smooth, dense, or non-absorbent to receive Master Wall® AirSTOP for CMU, or where form oil, an existing coating, or other surface contamination prohibits adhesion, furred or self- furred lath should be installed as specified by the design professional (refer to Master Wall Cemplaster Fiberstucco guide specifications and verify adequacy of lath attachment with respect to design wind pressures).

Mixing - Add 5 to 6 quarts (4.7-5.7 L) of potable water to a clean plastic pail. Add the AirSTOP slowly while stirring using a heavy-duty 1/2" (12.7 mm) drill at 400 - 500 rpm and a heavy-duty mixer. Mix thoroughly to a homogeneous but stiff consistency. Let the mixture stand for 5 to 10 minutes and then remix without adding any more water or powder. During use, stir occasionally to keep mix fluffy. DO NOT temper with water. Excessive stirring may cause faster setting and reduced working time. Do not add accelerators or retarders to the AirSTOP mixture.

Application - Apply only to clean, sound, properly prepared, frost-free surfaces. In hot weather store material in a cool environment just prior to use and use cold water for mixing. Thoroughly dampen CMU and absorbent concrete surfaces in hot, dry weather to reduce surface absorption just prior to installation of product. Work away from the sun or provide shade, and work during cooler periods of the day.

Hazard: This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

VOC: Less than 50 g/L.

Approved Substrates

- CMU
- Concrete
- Masonry
- Stucco
- Mortar Parge Coat
- Adheres to:
  - Rollershield
  - SuperiorFlash
  - SMP Sealants
- Others approved in writing

Limitations

- Rapid loss of moisture during drying period due to direct sun, wind, or high temperatures, can cause cracking and low strength development in Portland cement-based materials. Adjust scheduling of work accordingly to avoid each of these conditions.
- Use of excess water in the mix can cause cracking and low strength development in Portland cement-based materials. Do not exceed the recommended amount of mix water.
- Do not use to level irregular or out-of-plane wall surfaces. Use appropriate Master Wall® repair mortar for these purposes.
- Do not use on surfaces with standing or glistening water.
- Do not use on wood substrates.
- Do not use over non-Master Wall® air barrier, flashing, or rough opening protection materials. Sequence work so these materials lap over the Master Wall® AirSTOP for CMU skim coat and apply appropriate stucco accessories over the lapped area.
- Not intended for use as rough opening protection
- Not intended for permanent exposure to weather. Protect with stucco brown coat within 60 days of application.
- Not for use below grade.

APPLICATION PROCEDURE

AirSTOP Stucco Scratch Coat with Brown

The application will consist of a skim coat and scratch coat of AirSTOP and brown coat of Cemplaster Fiberstucco

Skim Coat: Apply a uniform coat of Master Wall® AirSTOP for CMU at nominal 1/16- 1/8 inch (1.6-3 mm) thickness by trowel BEFORE stucco grounds and accessories are installed to achieve a void and pinhole free surface.

Air Barrier and Flashing Connections: tie-in adjoining air barrier and flashing components such as window rough opening protection, making sure overlap onto Master Wall® AirSTOP for CMU DOES NOT EXCEED THE WIDTH OF THE PERFORATED FLANGE on stucco accessories (e.g. casing beads, expansion or control joint accessories). The Master Wall® AirSTOP for CMU scratch coat (see below) may not adhere to other air barrier and flashing components.

Scratch Coat: Apply a nominal ¼ inch (6 mm) scratch coat of Master Wall® AirSTOP for CMU by trowel minimum 24 hours after the skim coat is dry. Scratch the surface horizontally with a stucco scarifier. Allow to dry a minimum 24 hours, longer in cool or damp weather, before application of brown coat.

Brown Coat: apply Master Wall® Cemplaster Fiberstucco or Cobrand stucco in accordance with applicable codes and manufacturer's requirements, including moist curing of the stucco brown coat for minimum 4 hours. Limit total thickness, including Master Wall® AirSTOP for CMU skim coat and scratch coat, and stucco brown coat, to 5/8 inches (16 mm) nominal thickness. Allow to cure according to manufacturer recommendations prior to priming or finishing.

AirSTOP Leveling Coat Over Stucco

Apply a uniform coat of Master Wall® AirSTOP for CMU at nominal 1/16-1/8 inch (1.6-3 mm) thickness by trowel over 5/8 inches (16 mm) nominal thickness stucco to achieve a void and pinhole free surface.

If mesh is used, Immediately embed the reinforcing fabric into the wet AirSTOP mixture and smooth from the center to the edge to avoid wrinkles. The reinforcing fabric must be continuous at all corners and lapped or abutted in accordance with Master Wall® specifications. The color of the mesh shall not be visible, but a slight mesh pattern may be visible. Allow to cure according to manufacturer recommendations prior to priming or finishing.

CLEAN UP

Tools and equipment can be cleaned with soapy water while the AirSTOP is still wet.

Information contained in this product data sheet conforms to the standard detail recommendations and specifications for the installation of Master Wall Inc.® products and is presented in good faith. Master Wall Inc.® assumes no liability, expressed or implied as to the architecture, engineering, or workmanship of any project. This information may be concurrent with, or superseded by other applicable documents, such as specifications and details. Contact Master Wall Inc.® for the most current product information. ©2025 Master Wall Inc.®

Health & Safety

WARNING! Causes eye and skin irritation. Precautionary Statement Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.

Skin Contact: Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

Ingestion: If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Store locked up. Dispose of contents/container in accordance with Local, State, Federal and Provincial regulation.

Spills: Collect with suitable absorbent material such as cotton rags.

Disposal: Dispose of in accordance with local, state or federal regulations.

Warning: KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR INDUSTRIAL USE ONLY. Consult the Safety Data Sheet (SDS) in the Products section at masterwall.com for further health and safety information.

LIMITED WARRANTY

This product is subject to a written limited material or system warranty. Obtain a warranty from the Tech Support tab of our website. Refer to Specifications for more complete information on proper use and handling of this product.

WARNING, THIS PRODUCT CONTAINS SILICA

If sanding or scraping are performed, ventilate work area and/or use a NIOSH/MSHA-approved respirator in accordance with our Safety Data Sheet.

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PRODUCT DATA

STUCCO ACCESSORIES

Stucco accessories are used to help gauge the thickness of stucco systems, help control stucco movement and form corners.

TYPICAL APPLICATION PROCEDURE

After satisfactory inspection of surfaces and correction of any deviations from specification requirements commence the Cemplaster Fiberstucco (CFS) installation in accordance with A or B below. Accessory type, depth, location, and orientation shall be included in the contract documents. Where masonry or concrete surfaces vary in plane, plaster thickness required to produce level surfaces shall not be required to be uniform.

A. Installation over new cast-in-place concrete or concrete masonry units (unreinforced):

1. Install foundation weep screed at the base of the wall as required.
2. Install casing beads at CFS terminations—doors, windows and other through wall penetrations. Install two-piece expansion joints, back-to-back casing beads or control joints at joints in the supporting construction, building expansion joints, where the CFS is to be installed over dissimilar construction or substrates, at changes in building height, at floor lines, columns, and cantilevered areas as directed on the construction documents. Install corner bead at outside corners and corner lath at inside corners (except where lathing is installed continuously through the corner). Install full accessory pieces where possible and avoid small pieces. Seal adjoining pieces by embedding ends in sealant if specified. Abut horizontal into vertical joint accessories. Attach at 6" (152 mm) on center into concrete/masonry with appropriate fasteners.

B. Installation over frame construction with sheathing and reinforced masonry with a WRB:

1. Weep Screed Installation
   a. Install foundation weep screed at the base of the wall securely to framing with the appropriate fastener. Locate foundation weep screed so that it overlaps the joint between the foundation and framing by a minimum of 1" (25 mm). Locate the foundation weep screed minimum 4 inches (101 mm) above earth grade, 2" (51 mm) above finished grade (paved surfaces, for example).
2. Weather Protection
   a. Weather barrier will lap onto foundation weep screed as noted in Master Wall® details.
   b. Verify that WRB installation is complete.
3. Casing Bead and Expansion Joint Installation
   a. Install casing beads at CFS terminations—doors, windows and other through wall penetrations. Install expansion joints (or back-to-back casing beads) at building expansion joints, where the CFS is to be installed over dissimilar construction or substrates, at changes in building height, at floor lines, columns, and cantilevered areas. Install full accessory pieces where possible and avoid small pieces. Seal adjoining pieces by embedding ends in sealant. Abut horizontal into vertical joint accessories. Attach at 6"(152 mm) centers into framing with appropriate fasteners. (Note: refer to architectural drawings for joint locations and accessory type. Moisture protection must be continuous behind joints and accessories.)
4. Control Joint Installation
   a. Install control joints according to the type, location, ground dimension and orientation as indicated on the contract documents. Tack in place as insure proper alignment during the application of the lath. Wire tie control joints to lath at 6" (152 mm) on center if framing members are not present under the accessory.
   b. Seal any exposed ends and edges preferably by setting them in sealant during installation to prevent water entry.

Accessory Materials

1. PVC, and CPVC D1784. or D4216
2. Galvanized Metal, A653/A653M with G60 or G90 coating.
3. Zinc, B69
4. Stainless Steel, A240/A240M Type 304 or 316
5. Anodized Aluminum Alloy, B221

Packaging

Typically 10' lengths

Typical Grounds

3/8" (9.5 mm), 1/2" (13 mm), 5/8" (16 mm), 3/4" (19 mm), 7/8" (22 mm)

Typical Profiles*

Weep Screed*, Casing Bead*, Drainage Screed, Corner Reinforcement, Expansion Joint*, Control Joint

*Perforated or Non-Perforated

Manufacturers

Amico Building Products 800-366-2642
www.amico-lath.com

CEMCO 800-775-2362
www.cemcosteel.com

ClarkDietrich 800-543-7140
Www.clarkdietrich.com

Plastic Components 800-327-7077
www.plasticomponents.com

Stockton Products 714-998-1196
www.stocktonproducts.com

Wind-Lock 800-872-5625
www.wind-lock.com

Product Test Standards

ASTM A653, ASTM B69, ASTM C841, ASTM C847, ASTM C926, ASTM C1063, ASTM D1784, ASTM C1861

STUCCO REINFORCEMENT

Lath reinforcement is used to reinforce the stucco.

TYPICAL APPLICATION PROCEDURE

Sheet Reinforcement

1. General--install metal lath with the long dimension at right angles to structural framing. Terminate lath at expansion joints and also at control joints where not surface applied. Stagger side laps a minimum of one framing member.
2. Seams/overlaps – Side laps shall be lapped a minimum of 1/2" (13 mm) and a maximum of 2" (50 mm). End laps shall be lapped a minimum of 1" (25 mm) and a maximum of 2" (50 mm). overlap side seams 1/2 inch (13 mm) and end seams a minimum 1-inch (25 mm). Overlap casing beads and expansion joints minimum 1 inch (25 mm) onto the narrow wing accessories and 2 inches over expanded flange accessories.
3. Attachment-fasten securely through sheathing into structural framing at 6 inches (152 mm) on center maximum vertically and 16-24 inches (41-61 cm) on center horizontally*. Wire tie horizontal laps at 8 inches (204 mm) on center at side laps, and where end laps occur between supports.
4. Paper-backed lath—follow installation as for metal lath. Lap lath over lath, not paper to lath overlap. For horizontal overlaps the paper backing must lap shingle style behind the lath-to-lath overlap.

Roll Reinforcement

1. General--unroll wire lath with the long dimension at right angles to structural framing. Terminate wire lath at expansion joints and also control joints where not surface applied. Stagger side laps a minimum of one framing member.
2. Seams/overlaps – Side laps shall be lapped a minimum of one mesh at sides and ends. Where end laps occur between framing members, the ends of the sheets shall be laced, or wire tied with tie wire a minimum of 0.0475 (1.21 mm) diameter.
3. Attachment--fasten securely through sheathing into structural framing at 6 inches (152 mm) on center maximum vertically and 16-24 inches (41-61 cm) on center horizontally*. Wire tie horizontal laps at 8 inches (204 mm) on center at side laps, and where end laps occur between supports. (*Note: the type of fastener selected, its layout and pullout or withdrawal value from the supporting construction must be verified and approved by the project engineer/architect with respect to design wind load and local building code requirements).
4. Structa Wire Products – follow manufacturer's instructions for installation.

Additional Reinforcement

1. Apply Strip lath, minimum 4" x 12" (102 mm x 305 mm), in type and weights of selected lath at casing bead corners if control joints are not used off windows and doors.
2. Inside and Outside Corners - Install corner lath at inside corners and corner bead at outside corners over lath (except where lathing is installed continuously through the corner). Attach through lath into framing at 6 inches (152 mm) on center with appropriate fasteners.

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Reinforcement Materials

1. PVC, D1784. or D4216
2. Galvanized Metal, A653/A653M with G60 or G90 coating.
3. Zinc, B69
4. Stainless Steel, A240/A240M Type 304 or 316

Common Reinforcement Types

No. 17 or 20 gauge galvanized steel woven wire fabric

2.5 lb./yd^2 (1.4 kg/m^2) self-furred diamond mesh metal lath

3.4 lb./yd^2 (1.8 kg/m^2) self-furred diamond mesh metal lath
ASTM C 847.

Adfors Fibalath

ClarkDietrich Twin Trac 2.5, Twin Trac 2.5/316, Structalath III, Structalath III/316

Manufacturers

Adfors 800-762-6694
adfors.com/fibalath

Amico Building Products 800-366-2642
amico-lath.com

CEMCO 800-775-2362
cemcosteel.com

ClarkDietrich 800-543-7140
clarkdietrich.com

K-Lath® 800-663-0955
treeisland.com

Plastic Components 800-327-7077
plasticomponents.com

Product Test Standards

ASTM C847, ASTM C1032 , ASTM C933, ASTM C1764

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PRODUCT DATA

CEMPLASTER FIBERSTUCCO CO-BRAND PRODUCTS

As part of our Cemplaster Fiberstucco Systems, Master Wall Inc.® allows select products as part of our warranty program. Warranties are available up to 20-years depending upon product selections and combinations.

FEATURES & BENEFITS

- Warranties up to 20-years through Master Wall Inc.®
- Preblended and Concentrate options
- Locally and regionally available for LEED compliance
- Engineered for consistency

Warranties for all projects will be provided by Master Wall® following our regular process. For coverage the following needs to be completed:

- Materials must be purchased through an authorized Master Wall® distributor.
- A warranty must be requested for the project, including all QUIKRETE® requirements noted on the request form.
- The applicator must be certified and current.
- To request a warranty go to the Tech/Support page at masterwall.com and fill out the form.

See our Systems page for Cemplaster Fiberstucco Warranties

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CO-BRAND PRODUCTS

QUIKRETE® One Coat Fiberglass Reinforced Stucco (FRS) (No. 1200 Sanded, No. 1216-Concentrated)

QUIKRETE® Base Coat Stucco Scratch & Brown (No. 1139) & Base Coat Stucco - Pump Grade (No. 1139-86)*

QUIKRETE® Base Coat Stucco with Water-Stop (No. 1139-89)*

QUIKRETE® Base Coat Stucco - Pump Grade (No. 1139-86)*

FRS Lightweight Stucco (No. 1201-56)*

SPEC MIX® SCRATCH AND BROWN FIBER REINFORCED STUCCO(SU-04)*

SPEC MIX® Scratch and Brown Preblended Stucco*

SPEC MIX® Fiber Base Coat (FBC)

WESTERN 1-Kote Gray Concentrate

WESTERN 1-Kote Gray Premium Concentrate

WESTERN 1-Kote Premium Sanded Gray

WESTERN 1-Kote Sanded Gray

*Apply these stucco products in accordance with ASTM C926 and Master Wall® requirements.

Optional

Master Wall Inc.®

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PRODUCT DATA

MBB

Master Wall® Bagged Base Coat (MBB) is a dry polymer acrylic formulated high performance base coat and adhesive used in Master Wall® Systems or over prepared substrates including brick, masonry, concrete and stucco.

FEATURES & BENEFITS

- Adheres insulation board to approved substrates
- Base coat for Master Wall CIFS®, EIFS and other Systems
- Leveling coat for Cemplaster Fiberstucco and other stucco products
- Excellent water resistance
- Freeze stable in dry form
- Convenient, mixes with water
- Easy clean up with water

Application Temperature: 40°-110°F (5°-43°C)

Working Time: 1 hour

Set Time: Varies with temperature and humidity

Dry Time: 12 hours at room temperature, working and drying time will vary with temperature and humidity.

JOB CONDITIONS

Air and substrate temperature for application of MBB must be 40°F (5°C) or higher and must remain 40°F (5°C) or higher for a minimum of 24 hours. Provide temporary protection to protect the wall system from damage until permanent flashings, caps and sealants are installed. Store materials within prescribed temperature limits and out of direct sunlight. Working and drying times are based upon normal room temperature conditions and will vary with temperature and humidity.

PREPARATION

The substrate must be approved by Master Wall Inc®., clean, dry, structurally sound and free of efflorescence, oil, grease, form release agents and curing compounds or anything that would affect bond. Painted surfaces are generally unacceptable without evaluation. Reference Technical Bulletins #173 and #187 for additional information.

Coverage per bag (sf/sm)*

Adhesive & Standard Base Coat:

50-60 sf (4.6-536 sm)

Embedding Single-layer of Mesh:

100-125 sf (9-11.5 sm)

Double Layer of Mesh:

30-110 sf (2.5-10 sm)

Notched Trowel Adhesive Application:

56 sf (5.2 sm)

**All coverage is approximate and depend upon substrate, details and individual application*

Packaging/Shelf Life/Storage

Packaging: 50lb (22.7kg) bag

Shelf Life: 1 year

Storage: Protect from weather, high humidity and direct sunlight.

Technical Data

ASTM C297/E2134 - min 30 psi (208 kPa)

ASTM E96 - 12 perms

APPLICATION PROCEDURE

Mixing - Add 5 to 6 quarts (4.7-5.7L) of potable water to a clean plastic pail. Add the MBB slowly while stirring using a heavy-duty 1/2" (12.7mm) drill at 400 to 500 rpm and a heavy-duty Mixer. Mix thoroughly to a homogenous consistency. Let the mixture stand for 3 to 5 minutes and then stir to a creamy consistency. Small amounts of clean, potable water may be added to obtain a workable consistency. Do not over mix. Excessive stirring may cause faster setting and reduced working time. Do not add accelerators or retarders to the MBB mixture.

APPLICATION

ADHESIVE APPLICATION – Over gypsum or Rollershield coated substrates, apply the MBB mixture directly to the back of the insulation board using a 3/8" x 3/8" x 3/8" (9.5 x 9.5 x 9.5 mm) or a 3/8" x 1/2" x 1-1/2" (9.5 x 13 x 38 mm) stainless steel notched trowel. With the trowel at a 45-degree angle, cover the entire back of the insulation board with full beads of adhesive. Apply the adhesive so the ribbons run vertically when applied to the wall.

Over non-gypsum substrates where drainage is not required, you may use the above described notched trowel method or the 'ribbon and dab' method. Using a stainless steel plastering trowel, apply a 2" (50.8 mm) wide by 3/8" (9.5 mm) high ribbon of the F&M mixture around the entire perimeter of the insulation board. Place 8 dabs of the F&M mixture 3/8" (9.5 mm) thick by 4" (102 mm) in diameter approximately 8" (204 mm) on center inside the ribbon.

Immediately place the prepared insulation board on the substrate. Make sure that all edges of the insulation board are abutted tightly and that no F&M mixture gets into the board joints. Do not allow the MBB mixture to form a skin prior to placing the insulation board on the substrate. Do not apply the MBB mixture directly onto the substrate.

BASE COAT APPLICATION – Over insulation board, all imperfections in the board must be rasped flush and any gaps in the insulation board must be filled with slivers of insulation. Apply the MBB mixture over the entire surface of the insulation board in a thickness greater than that of the reinforcing fabric being used (approximately 1/16" (1.6 mm) for standard mesh and 3/32" (2.4 mm) for Ultra Mesh). Immediately embed the reinforcing fabric into the wet MBB mixture and smooth from the center to the edge to avoid wrinkles. The reinforcing fabric must be continuous at all corners and lapped or abutted in accordance with Master Wall® specifications. The color of the mesh shall not be visible, but a slight mesh pattern may be visible.

As a leveling coat over approved concrete, masonry, stucco, and other surfaces, apply the MBB mixture over the entire surface a nominal 1/16" (1.6 mm) thick. Where reinforcing mesh is specified, follow application methods for insulation board above.

Hazard: This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

VOC: Less than 50 g/L.

Approved Substrates

Exterior gypsum sheathing (ASTM C1396, C1177)
- Dens Glass Gold®
- GlasRoc®
- FiberBond®
- Gold Bond e2xp®
- Securock®
- Weather Defense Platinum™

Cement Board (ASTM C1325)
- Durock®
- PermaBase®
- Util-A-Crete®
- ProTEC®, ProGUARD®

Concrete

Brick

Masonry

Metal Lath - Adhesive Application

Adheres to Rollershield

Others approved in writing

CLEAN UP

Tools and equipment can be cleaned with soapy water while the MBB is still wet.

WARNING, THIS PRODUCT CONTAINS SILICA

If sanding or scraping are performed, ventilate work area and/or use a NIOSH/MSHA-approved respirator in accordance with our Safety Data Sheet.

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Health & Safety

WARNING!
Causes eye and skin irritation.
Precautionary Statement
Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.

Skin Contact: Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

Ingestion: If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Store locked up. Dispose of contents/container in accordance with Local, State, Federal and Provincial regulation.

Spills: Collect with suitable absorbent material such as cotton rags.

Disposal: Dispose of in accordance with local, state or federal regulations.

Warning: KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR INDUSTRIAL USE ONLY.

Consult the Safety Data Sheet (SDS) in the Products section at masterwall.com for further health and safety information.

LIMITED WARRANTY
This product is subject to a written limited material or system warranty. Obtain a warranty from the Tech Support tab of our website. Refer to Specifications for more complete information on proper use and handling of this product.

Optional

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PRODUCT DATA

AGGRE-FLEX MESH

Master Wall® Aggre-flex Mesh is a specially woven, glass fiber mesh with AR Coating (Alkali Resistive). Embedded in Master Wall® base coats, Aggre-flex Mesh is the key impact and tensile component in Master Wall® EIFS and wall systems. It can also improve crack resistance in Master Wall® Cemplaster Fiberstucco Systems, traditional stucco or foam shapes.

FEATURES & BENEFITS

- **Detail Mesh** – super soft, pliable mesh used for backwrapping, special shapes, and detail work.
- **Standard Mesh**–Standard weight mesh for wall areas and general detailing. Industry leading impact resistance.
- **Hi-Tech Mesh**–Upgraded heavier weight version of Standard Mesh with good workability.
- **Medium Mesh**–Extra tough heavy weight mesh. Best for areas of light traffic.
- **Strong Mesh**–Great high traffic mesh where impacts are a consideration.
- **Ultra Mesh**–Best where abuse is expected. Ultra heavy for high traffic areas.
    - **Strong Mesh** and **Ultra Mesh** must be used in a two-layer system.
- **Corner Roll**– For highly impact resistant corners. Apply under Standard or higher mesh.

MESH WEIGHT AND COVERAGE

	Mesh Weight	Roll Size	Coverage*
Detail	4.5 oz/sy (113 g/sm)	9.5“ x 150’ (96.5cm x 45.7m)	119 sf (11 sm)
Standard - 38	4.6 oz/sy (156 g/sm)	38“ x 150’ (96.5cm x 45.7m)	475 sf (44.1 sm)
Standard - 48	4.6 oz/sy (156 g/sm)	48“ x 150’ (122 cm x 45.7m)	600 sf (55.7 sm)
Hi-Tech	6.0 oz/sy (202 g/sm)	48” x 150’ (122cm x 45.7m)	600 sf (55.7sm)
Medium	11.0 oz/sy (370 g/sm)	38” x 75’ (96.5cm x 22.8m)	238 sf (22.1 sm)
Strong	15.4 oz/sy (508 g/sm)	38” x 75’ (96.5cm x 22.8m)	238 sf (22.1 sm)
Ultra	21.0 oz/sy (700 g/sm)	48” x 75’ (122cm x 22.8m)	300 sf (22.1 sm)
Corner Roll	9.5 oz/sy (238 g/sm)	9.5” x 150’ (96.5cm x 45.7m)	150 lf (45.7 m)

*Allow about 10% waste for lapping all meshes (Strong, Ultra and Corner Roll Meshes are butted). Coverage will vary.

PRODUCT TEST STANDARDS

ASTM D76, ASTM D578, ASTM D579, ASTM D1777, ASTM D3659, ASTM D3775, ASTM D3776, ASTM D4029, ASTM D5035, ASTM E2098, ASTM E2486. MIL-Y-1140

Weave: Full Leno

Impact ASTM E2486 (Formerly EIMA 101.86)		ASTM D5035 Tensile (warp/fill)
Standard Mesh	Medium Impact Resistance 50-89 in-lbs (5.7-10.1J)	247/280
Hi Tech Mesh	Medium Impact Resistance 50-89 in-lbs (5.7-10.1J)	140/250
Medium Mesh	Medium Impact Resistance 50-89 in-lbs (5.7-10.1J)	300/500
Medium & Standard	High Impact Resistance 90-150 in-lbs (10.2-17.0J)	300/500
Strong & Standard	Ultra High Impact Resistance 150+ in-lbs (over17.0J)	350/600
Ultra & Standard	Ultra High Impact Resistance 150+ in-lbs (over17.0J)	750/500
Corner Roll		274/274

APPLICATION PROCEDURE

Job Conditions - Air and substrate temperature for embedment of the Reinforcing Mesh must be 40°F (5°C) or higher and must remain 40°F (5°C) or higher for a minimum of 24 hours. Provide temporary protection at all times until the wall system, including flashings, caps, and sealants, is completed to provide protection from climatic conditions and other potential damage.

Application - All imperfections in the insulation board must be rasped flush and any gaps in the insulation board must be filled with slivers of insulation. Apply the base coat over the entire surface of the insulation board in a thickness greater than that of the Reinforcing Mesh being used, approximately 1/16" (1.6 mm) for Standard Mesh and 3/32" (2.4 mm) for Ultra Mesh. Immediately embed the Aggre-flex Mesh into the wet base coat and smooth from the center to the edge to avoid wrinkles. Lap all meshes except Strong Mesh and Ultra Mesh a minimum of 2-1/2" (63.5 mm) on all sides. The reinforcing fabric must be continuous at all corners and lapped or abutted in accordance to Master Wall specifications. The color of the mesh shall not be visible but a slight mesh pattern may be visible. The overall minimum thickness of the base coat should be a nominal 1/16" (1.6 mm) when dry.

When applying Strong, Ultra or Corner Roll Mesh, tightly abut all edges and let cure for a minimum of 12 hours. Grind any imperfections with the edge of a stainless steel trowel or grinding stone, taking care not to damage the Aggre-flex Mesh, and apply a layer of Standard Mesh, Hi-Tech Mesh, or Medium Mesh as per the directions in the preceding paragraph. To minimize wall variations, the lap of the second mesh layer should not coincide with the abutment of the first layer.

Special Conditions and Recommendations

Apply wrapping, backwrapping mesh or other approved accessory at all terminations of the insulation board. This includes at the top and bottom of all walls and at all openings.

Aggre-flex Mesh may be wrapped from the face of the insulation board onto a foundation or onto the studs of an opening on barrier wall systems. In all cases, the exposed edges of the insulation board must be wrapped with Aggre-flex Mesh and base coat or an approved accessory trim.

Health & Safety

WARNING!
Causes eye and skin irritation.
Precautionary Statement
Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Consult the Safety Data Sheet (SDS) in the Products section at masterwall.com for further health and safety information.

LIMITED WARRANTY
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PRODUCT DATA

PRIMECOAT PRIMER

High quality exterior acrylic primer that helps solidify and protect the surface. Integrally colored Primecoat Primer helps make finishes brighter and deeper, reduces efflorescence and extends finish coverage rates. Suitable for priming Master Wall® base coats, new stucco, masonry and concrete that has a pH of 13 or less.

FEATURES & BENEFITS

- Tintable sealer/primer with good hiding power
- Hot prime capable for pH 13 or less
- Reduces finish absorption for improved aesthetics and reduced finish color variations
- Recommended for extreme color changes, under very dark, vivid or bright topcoats or when top tier finishing is specified
- Extends finish coverage, required when spraying Superior Finishes and some specialty finishes
- 100% Acrylic Polymers for durability
- Water-based - easy clean up with water

Application Temperature: 40°-110°F (5°-43°C)

Dry to touch: 1 hour

Recoat Time: 2 hours

Dry Time: 12 hours at room temperature, working and drying time will vary with temperature and humidity.

JOB CONDITIONS

Air and substrate temperature for application of Primecoat must be 40°F (5°C) or higher and must remain 40°F (5°C) or higher for a minimum of 24 hours. Provide temporary protection to protect the wall system from damage until permanent flashings, caps and sealants are installed. Store materials within prescribed temperature limits and out of direct sunlight. Working and drying times are based upon normal room temperature conditions and will vary with temperature and humidity.

PREPARATION

The substrate must be approved by Master Wall Inc.®, clean, dry, structurally sound and free of efflorescence, oil, grease, form release agents and curing compounds or anything that would affect bond. Concrete and masonry should be cured a minimum of 28 days, stucco cured a minimum of 7-14 days or surfaces verified to have a pH less than 13.

Coverage per pail (sf/sm)*

1000-1200 sf/pail (93-112 sm)*

**All coverage is approximate and depend upon substrate, details and individual application*

Packaging/Shelf Life/Storage

Packaging: 5 gallon (19L) pail Pail

Shelf Life: 2 years

Storage: Protect from extreme heat - 90°F (32°C), freezing and direct sunlight.

Technical Data
Water Vapor Transmission (perms), ASTM E96 Vapor Permeable

Substrate Recommendations

Concrete – If preparing for a textured or specialty finish, all projections must be removed and any voids filled with a Master Wall® base coat as needed to provide an appropriate surface.

Masonry – If preparing for a textured or specialty finish, skim coat with a Master Wall® base coat to achieve a smooth level surface. If joints are not struck flush, multiple coats may be required. Contact Master Wall for more information.

Stucco – If additives were used in the stucco, it is recommended that a test patch be made to evaluate bond strength of the Primecoat to the stucco.

Master Wall® Base Coats or Finishes, Previously Painted Surfaces, Cement Composition Siding
Install/Apply and prepare according to published guidelines. Surfaces should be clean, dry, cured and ready to receive coatings.

PRIMECOAT PRIMER

PRODUCT DATA

APPLICATION PROCEDURE

Mixing - Thoroughly stir Primecoat into a homogeneous consistency. Small amounts of clean, potable water may be added to obtain a workable consistency. Do not over mix. Do not exceed 24 ounces (0.7L) of water per pail. Do not add accelerators or retarders to Primecoat.

Application – Primecoat can be applied by brush, roller, or airless spray equipment. When using a roller, a maximum 3/4" (19 mm) nap is recommended. Apply Primecoat in an even, continuous coat of about 3 mils, maintaining a wet edge.

Airless Spray Application - Pressure 2000 p.s.i., Tip .015– to .019 inch. Spray in a consistent manner or backroll after spraying for a consistent application.

Limitations - Primecoat is not intended for use as the final finish coat over Master Wall base coats or other approved substrates.

FOR PROFESSIONAL RESULTS

Apply coatings away from direct sunlight. Cold joints or color variations can occur if the finish dries too quickly. Under certain conditions dark colors may show efflorescence on the surface during the cure process.

Surfaces exposed to the weather must be sloped (6:12 minimum). Use of dark colors in high temperature climates can affect the performance of the system, especially EIFS and areas may need to be limited.

CLEAN UP

Tools and equipment can be cleaned with soapy water when Primecoat is wet.

Hazard: This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

VOC: Less than 50 g/L.

Approved Substrates

Master Wall® Base Coats
Stucco
Brick
Masonry
Concrete
Interior Drywall
Previously painted surfaces with bond test
Others approved in writing

Warning: KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR INDUSTRIAL USE ONLY.

Consult the Safety Data Sheet (SDS) in the Products section at masterwall.com for further health and safety information.

LIMITED WARRANTY

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PRODUCT DATA

SUPERIOR FINISHES

To finish strong you need a Superior Finish. Master Wall® finishes are crafted with one of the highest 100% acrylic polymer contents in our industry. This translates to extra durability, lower life-cycle maintenance and a longer lasting finish.

FEATURES & BENEFITS

- 100% Acrylic Polymers for durability
- Dirt Pickup Resistant (DPR) Polymer Formulation
- Quartz or Marble aggregate available
- 64 Standard Colors
- Custom color matching available
- DuroTone colorfast pigments, Excel mildew enhancement, Silicone Coat additive available
- Vapor Permeable - resists blistering and allows trapped water vapors to pass
- Low VOC—Suitable for Interior Use
- Water Based - easy clean up with water

Application Temperature: 40°-110°F (5°-43°C)
Working Time: 1/4 hr
Set Time: 8-12 hrs
Dry Time: 48-72 hrs at room temperature, working and drying time will vary with temperature and humidity.

JOB CONDITIONS

Air and substrate temperature for application of Superior Finishes must be 40°F (5°C) or higher and must remain 40°F (5°C) or higher for a minimum of 24 hours. Provide temporary protection to protect the wall system from damage until permanent flashings, caps and sealants are installed. Store mate-rials within prescribed temperature limits and out of direct sun-light. High temperatures will reduce working times, Low temperatures and/or high humidity and pigment loading will extend working, set and dry times.

PREPARATION

The substrate must be approved by Master Wall Inc.®, clean, dry, structurally sound and free of efflorescence, oil, grease, form release agents and curing compounds or anything that would affect bond. Painted surfaces are not acceptable and must be removed. Concrete and surfaces should cure for a mini-mum of 28 days. Stucco should be cured until clean, dry and hard—typically 14 days with a pH of 10 or less (13 or less if Primecoat Primer is used).

Interior drywall should be finished and made ready for paint. Prime surfaces with Primecoat/Sanded Primecoat primer prior to finishing.

Coverage per pail (sf/sm)*

- Perfect Swirl 2.0, 120-150 (11-14)
- Fine Sand 1.0, 160-170 (15-15.8)
- Medium Sand 1.5, 130-150 (12-14)
- Versatex 0.5, Varies with Texture

**All coverage is approximate and depend upon substrate, details and individual application*

Packaging/Shelf Life/Storage Packaging:

- 5 gallon (19L) pail Pail

Shelf Life: 2 years

Storage: Protect from extreme heat (90°F, 32°C), freezing and direct sunlight.

Technical Data

ASTM B117 Salt Spray Resistance - Pass ASTM

C67 Freeze/Thaw - Pass

ASTM C297 Tensile Bond - 30 psi minimum

ASTM D968 Abrasion Resistance - Pass 500L

ASTM D2247/E2570 Water Resistance - Pass

ASTM D3273 Mildew Resistance - Pass 28 Days

ASTM E84 Surface Burning - Pass, FS=0, SD=0

ASTM E 96 Vapor Permeability - Pass, 12 perms, vapor open

ASTM E108 Flame Propagation - Pass

ASTM E2485/2570 (formerly EIMA 101.01) Impact Resistance - Pass

ASTM G23/G154/G155 Accelerated Weathering - Pass 2000 Hours

ASTM G53 Accelerated Weathering - Pass 2000 Hours

APPLICATION PROCEDURE

Base Coats - Must be flat, dry hard, and free of efflorescence. Master Wall® base coats must cure a minimum of 12 hours before application of Superior Finish. Substrates of brick, masonry or concrete should be leveled smooth using either Master Wall® base coats or stucco.

Mixing - Thoroughly stir Superior Finish using a heavy duty 1/2" drill at 400 - 500 rpm and a heavy duty mixing paddle. Small amounts of clean, potable water may be added to obtain a workable consistency. To avoid color variations, add the same amount of water to each pail. Do not exceed 24 ounces (0.7L) of water per pail of finish.

Application - Apply a uniform thickness (about 1/16", 1.6 mm) of Superior Finish to the substrate using a stainless steel trowel. Spread evenly and then scrape the finish coat down to a thickness no greater than the largest aggregate in the mate-rial. Immediately float the finish coat using a plastic float to the desired texture. Always maintain a wet edge to achieve uniformity of texture and color. Allow the finish to fully dry and set before exposure to inclement weather.

FOR PROFESSIONAL RESULTS

Apply finish coats away from direct sunlight. Cold joints or color variations can occur if the finish dries too quickly. Priming stucco surfaces with Primecoat/Sanded Primecoat evens out finish absorption and should be strongly considered and specified for dark colored finishes, especially those using Ultra Deep Base (UDB) tint base and over stucco to avoid efflorescence blush. Under certain conditions dark colors may show efflorescence on the surface during the cure process.

Surfaces exposed to the weather must be sloped (6:12 minimum). Use of dark colors in high temperature climates can affect the performance of the system, especially EIFS and areas may need to be limited.

Deep, intense colors should be specified with DuroTone pigments to maintain colorfastness longer. Verify specialty colors with your Master Wall® Distributor. Finishes are intended for the approved substrates listed above and should not be applied directly to gypsum board or insulation board products.

CLEAN UP

Tools and equipment can be cleaned with soapy water while the Superior Finish is still wet.

Hazard: This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

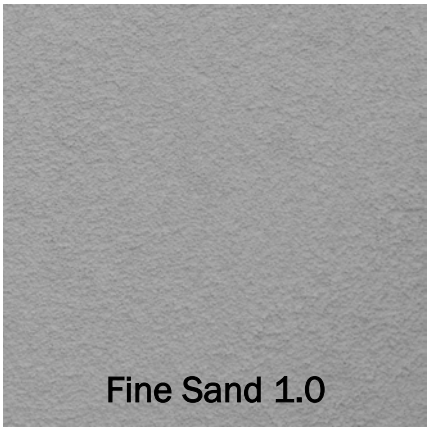
VOC: Less than 50 g/L.
See Superior Finishes for other technical properties

Approved Substrates

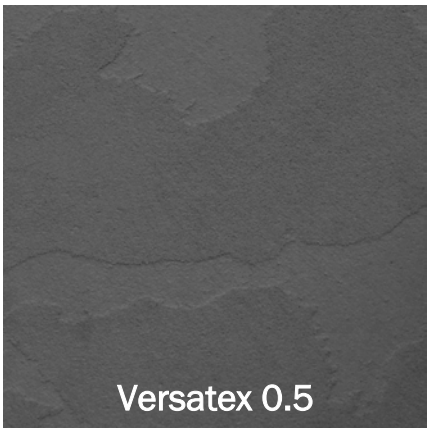
Master Wall® Base Coats
Cemplaster Fiberstucco, One Coat Stucco (OCS), Primecoat Primer surfaces, ASTM C926 Stucco

Prepared & Base Coated Surfaces of:
Brick, Concrete, Masonry
Others approved in writing









Health & Safety

WARNING!
Causes eye and skin irritation.
Precautionary Statement
Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.

Skin Contact: Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

Ingestion: If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Store locked up. Dispose of contents/container in accordance with Local, State, Federal and Provincial regulation.

Spills: Collect with suitable absorbent material such as cotton rags.

Disposal: Dispose of in accordance with local, state or federal regulations.

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AIRSTOP FOR CMU

SYSTEM DETAIL



1. CMU/CONCRETE/MASONRY SUBSTRATE
2. **AIRSTOP SKIM COAT**
3. **AIRSTOP SCRATCH COAT**
4. **CEMPLASTER FIBERSTUCCO OR APPROVED COBRAND STUCCO**
5. **PRIMECOAT (OPTIONAL)**
6. **SUPERIOR FINISH**

MWAS-01 CROSS SECTION

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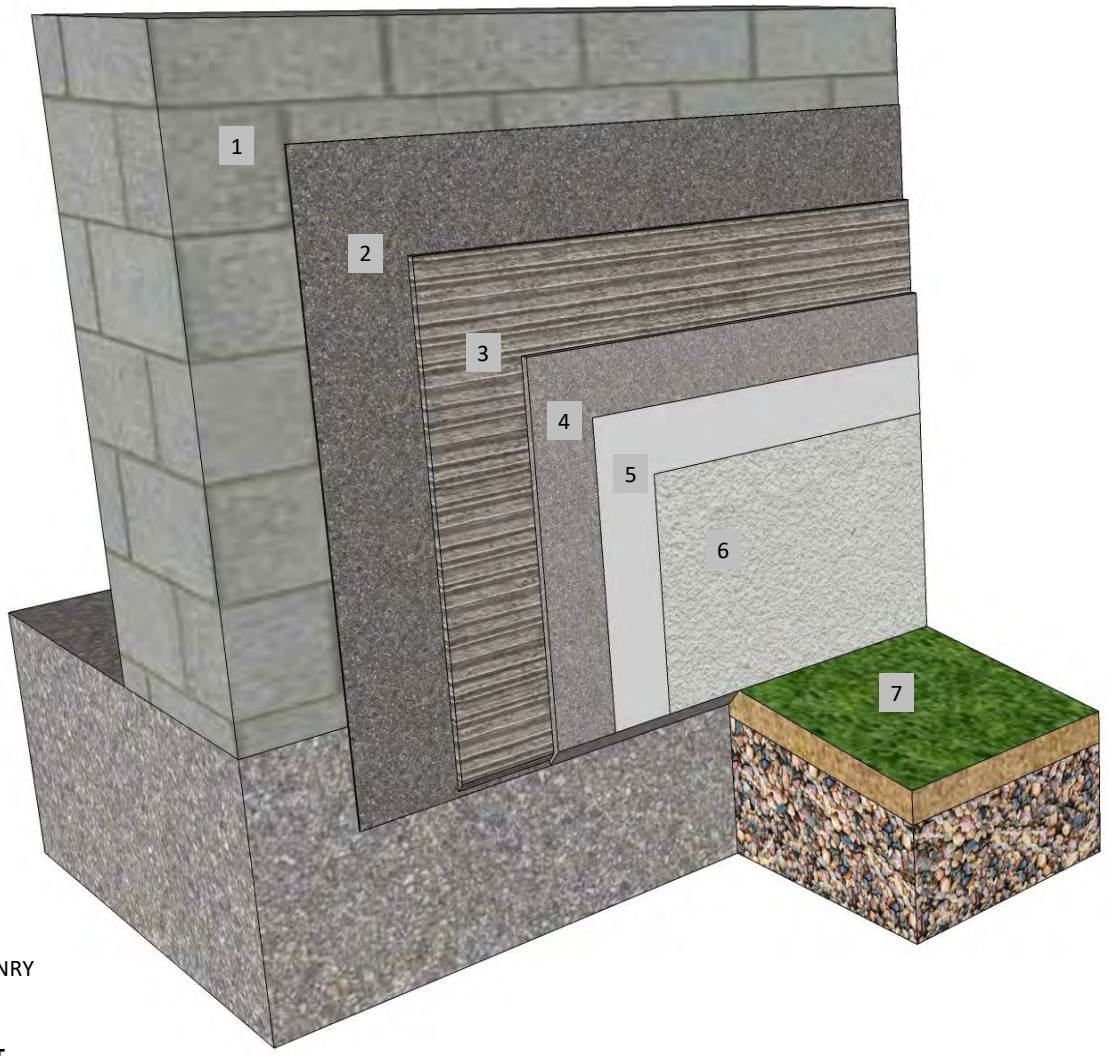
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AIRSTOP FOR CMU

SYSTEM DETAIL



1. CMU/CONCRETE/MASONRY SUBSTRATE
2. **AIRSTOP SKIM COAT**
3. **AIRSTOP SCRATCH COAT**
4. **CEMPLASTER FIBERSTUCCO OR APPROVED COBRAND STUCCO**
5. **PRIMECOAT (OPTIONAL)**
6. **SUPERIOR FINISH**
7. DRAINED SOIL, SLOPE TO DRAIN

MWAS-02 DETAIL AT GRADE

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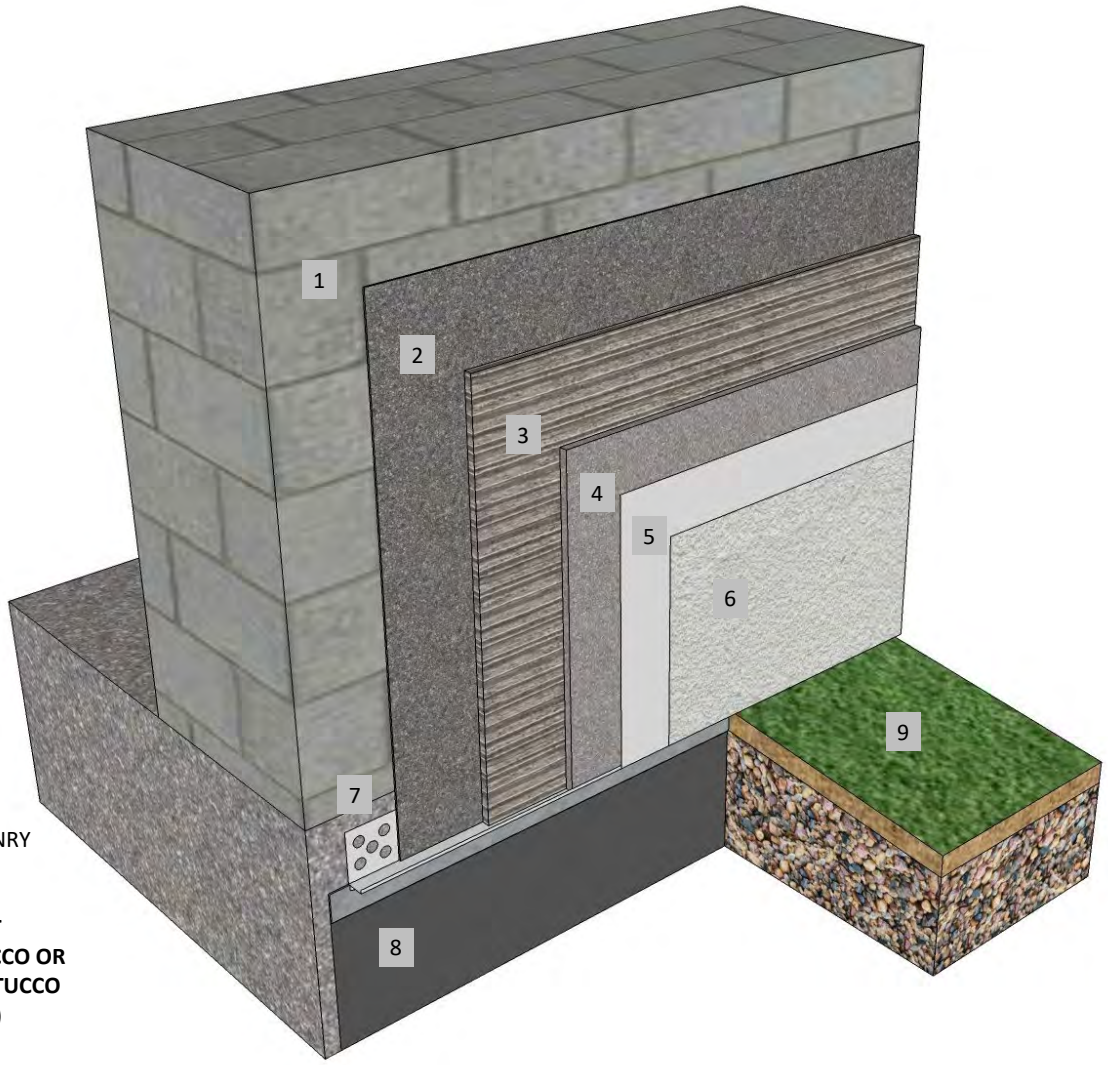
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AIRSTOP FOR CMU

SYSTEM DETAIL



1. CMU/CONCRETE/MASONRY SUBSTRATE
2. **AIRSTOP SKIM COAT**
3. **AIRSTOP SCRATCH COAT**
4. **CEMPLASTER FIBERSTUCCO OR APPROVED COBRAND STUCCO**
5. **PRIMECOAT (OPTIONAL)**
6. **SUPERIOR FINISH**
7. CASING BEAD ACCESSORY
8. WATERPROOFING WITH TERMINATION, SEAL TO CASING BEAD IF ALLOWED BY MANUFACTURER
9. DRAINED SOIL, SLOPE TO DRAIN

MWAS-03 DETAIL AT GRADE WITH WATERPROOFING

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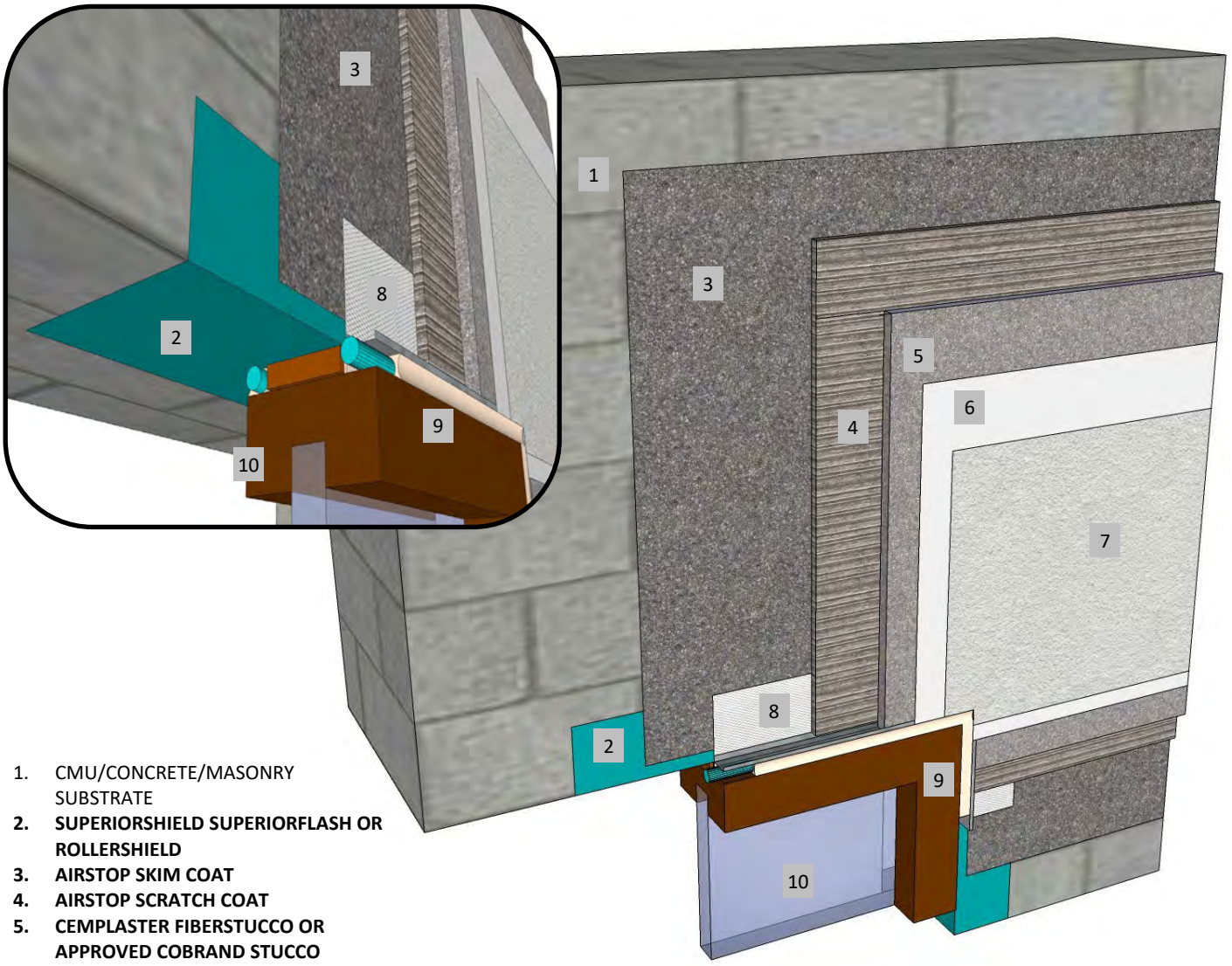
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AIRSTOP FOR CMU

SYSTEM DETAIL



1. CMU/CONCRETE/MASONRY SUBSTRATE
2. **SUPERIORSHIELD SUPERIORFLASH OR ROLLERSHIELD**
3. **AIRSTOP SKIM COAT**
4. **AIRSTOP SCRATCH COAT**
5. **CEMPLASTER FIBERSTUCCO OR APPROVED COBRAND STUCCO**
6. **PRIMECOAT (OPTIONAL)**
7. **SUPERIOR FINISH**
8. STUCCO CASING BEAD
9. SEALANT, 3/8" MINIMUM SUGGESTED
10. WINDOW

MWAS-04 TYPICAL WINDOW HEAD

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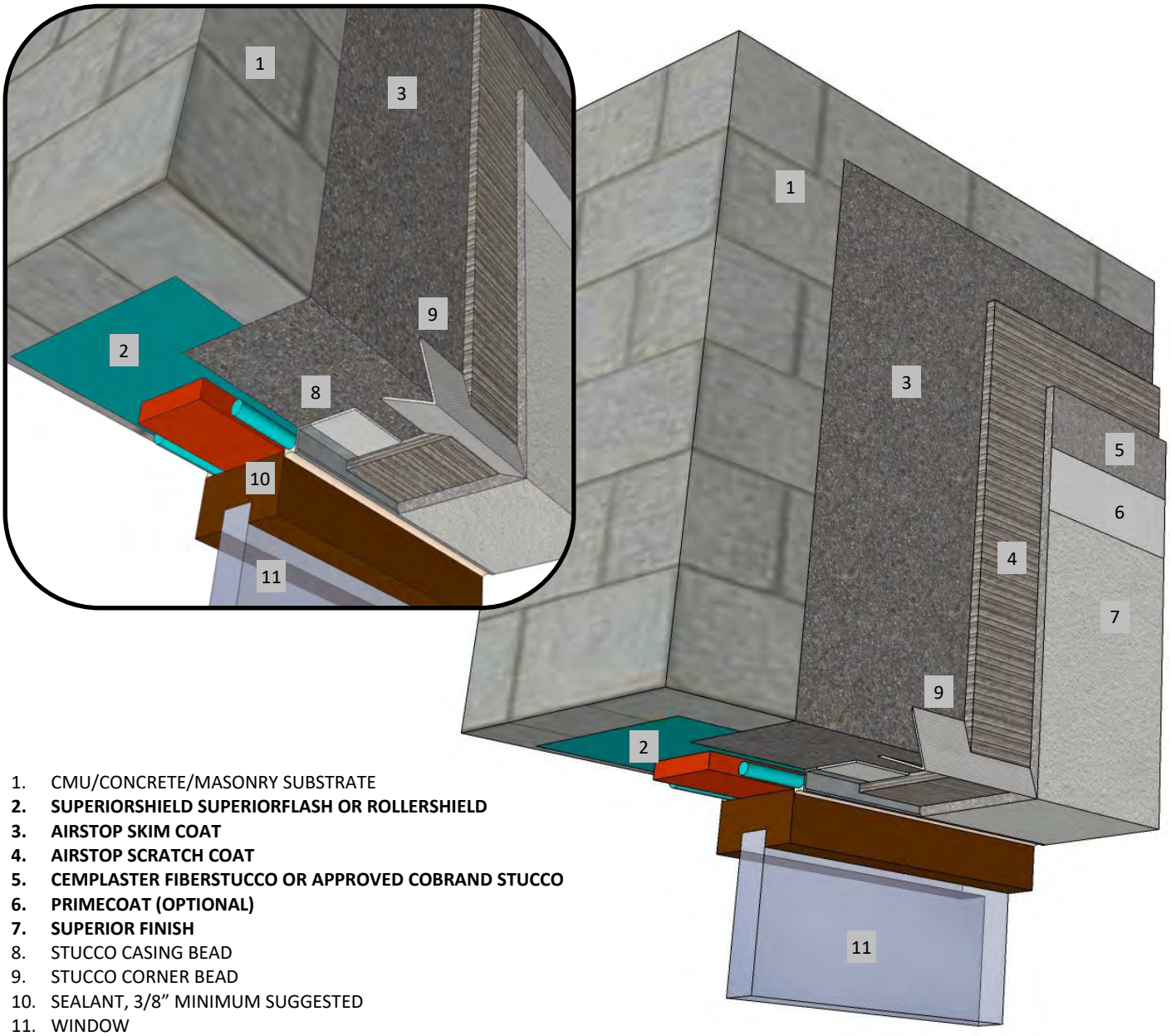
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AIRSTOP FOR CMU

SYSTEM DETAIL



1. CMU/CONCRETE/MASONRY SUBSTRATE
2. **SUPERIORSHIELD SUPERIORFLASH OR ROLLERSHIELD**
3. **AIRSTOP SKIM COAT**
4. **AIRSTOP SCRATCH COAT**
5. **CEMPLASTER FIBERSTUCCO OR APPROVED COBRAND STUCCO**
6. **PRIMECOAT (OPTIONAL)**
7. **SUPERIOR FINISH**
8. STUCCO CASING BEAD
9. STUCCO CORNER BEAD
10. SEALANT, 3/8" MINIMUM SUGGESTED
11. WINDOW

MWAS-05 RECESSED WINDOW HEAD

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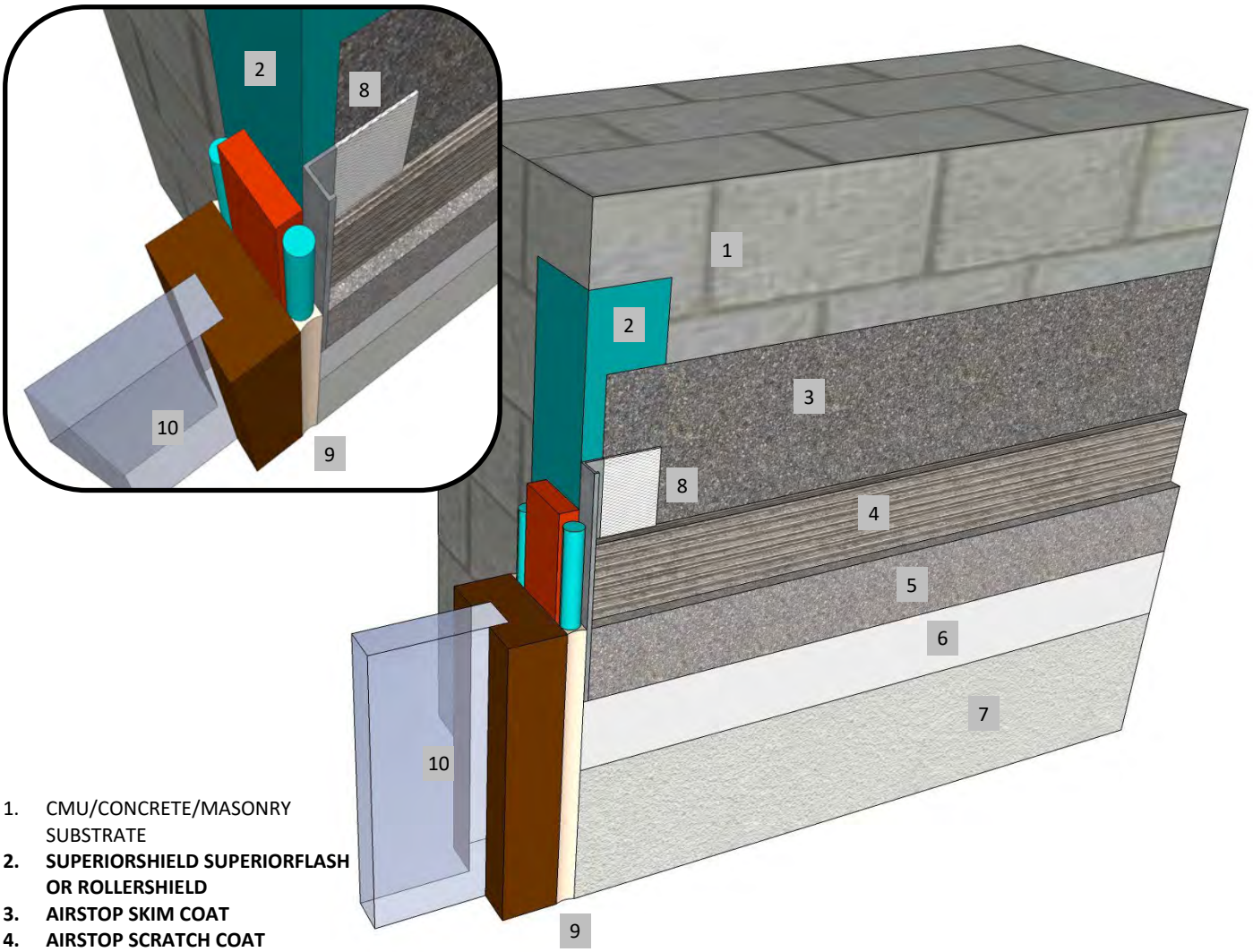
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AIRSTOP FOR CMU

SYSTEM DETAIL



1. CMU/CONCRETE/MASONRY SUBSTRATE
2. **SUPERIORSHIELD SUPERIORFLASH OR ROLLERSHIELD**
3. **AIRSTOP SKIM COAT**
4. **AIRSTOP SCRATCH COAT**
5. **CEMPLASTER FIBERSTUCCO OR APPROVED COBRAND STUCCO**
6. **PRIMECOAT (OPTIONAL)**
7. **SUPERIOR FINISH**
8. STUCCO CASING BEAD
9. SEALANT JOINT – 3/8" MINIMUM SUGGESTED
10. WINDOW

MWAS-06 WINDOW JAMB

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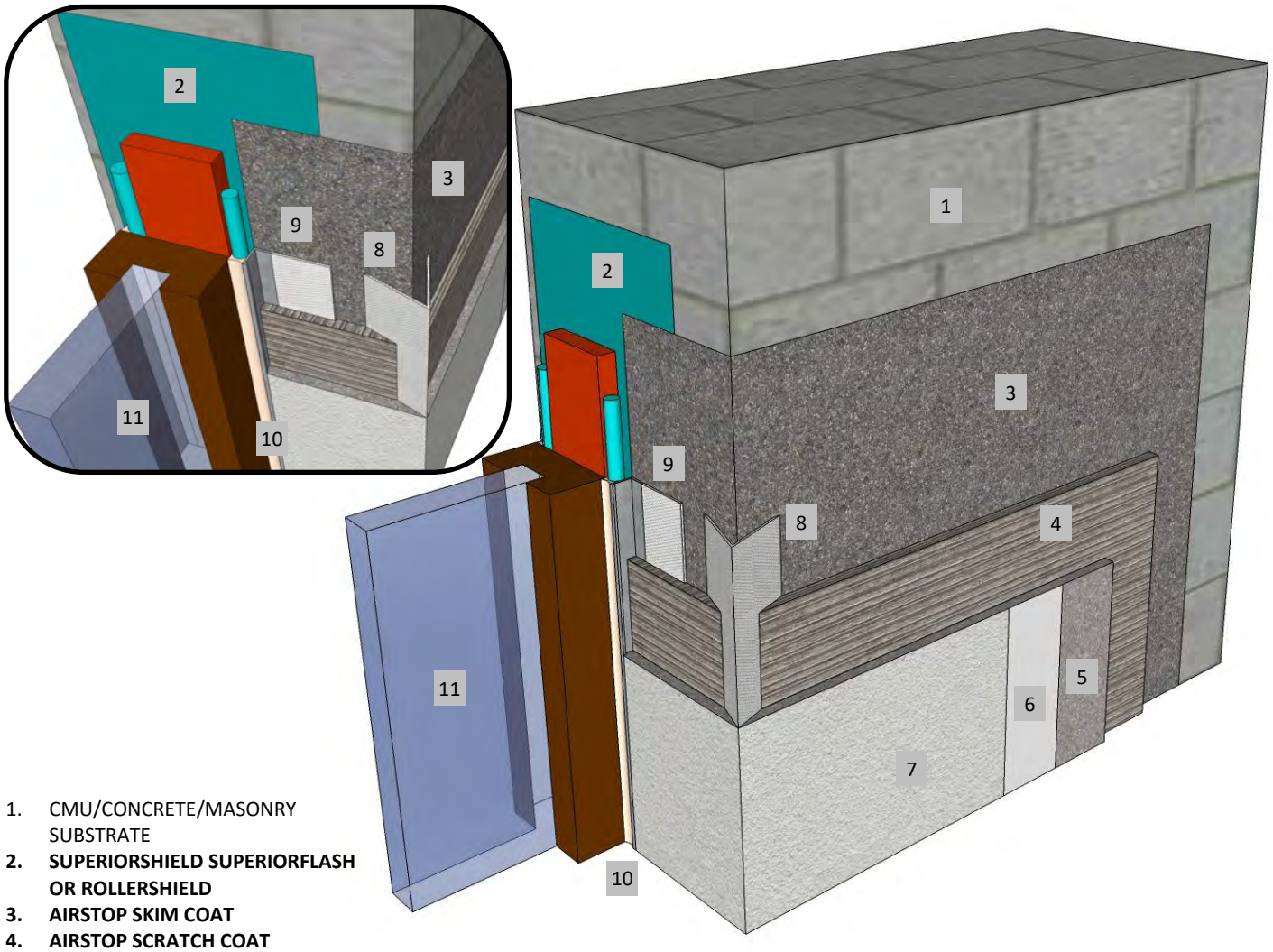
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AIRSTOP FOR CMU

SYSTEM DETAIL



1. CMU/CONCRETE/MASONRY SUBSTRATE
2. **SUPERIORSHIELD SUPERIORFLASH OR ROLLERSHIELD**
3. **AIRSTOP SKIM COAT**
4. **AIRSTOP SCRATCH COAT**
5. **CEMPLASTER FIBERSTUCCO OR APPROVED COBRAND STUCCO**
6. **PRIMECOAT (OPTIONAL)**
7. **SUPERIOR FINISH**
8. STUCCO CORNER BEAD
9. STUCCO CASING BEAD
10. SEALANT JOINT – 3/8" MINIMUM SUGGESTED
11. WINDOW

MWAS-07 RECESSED WINDOW JAMB

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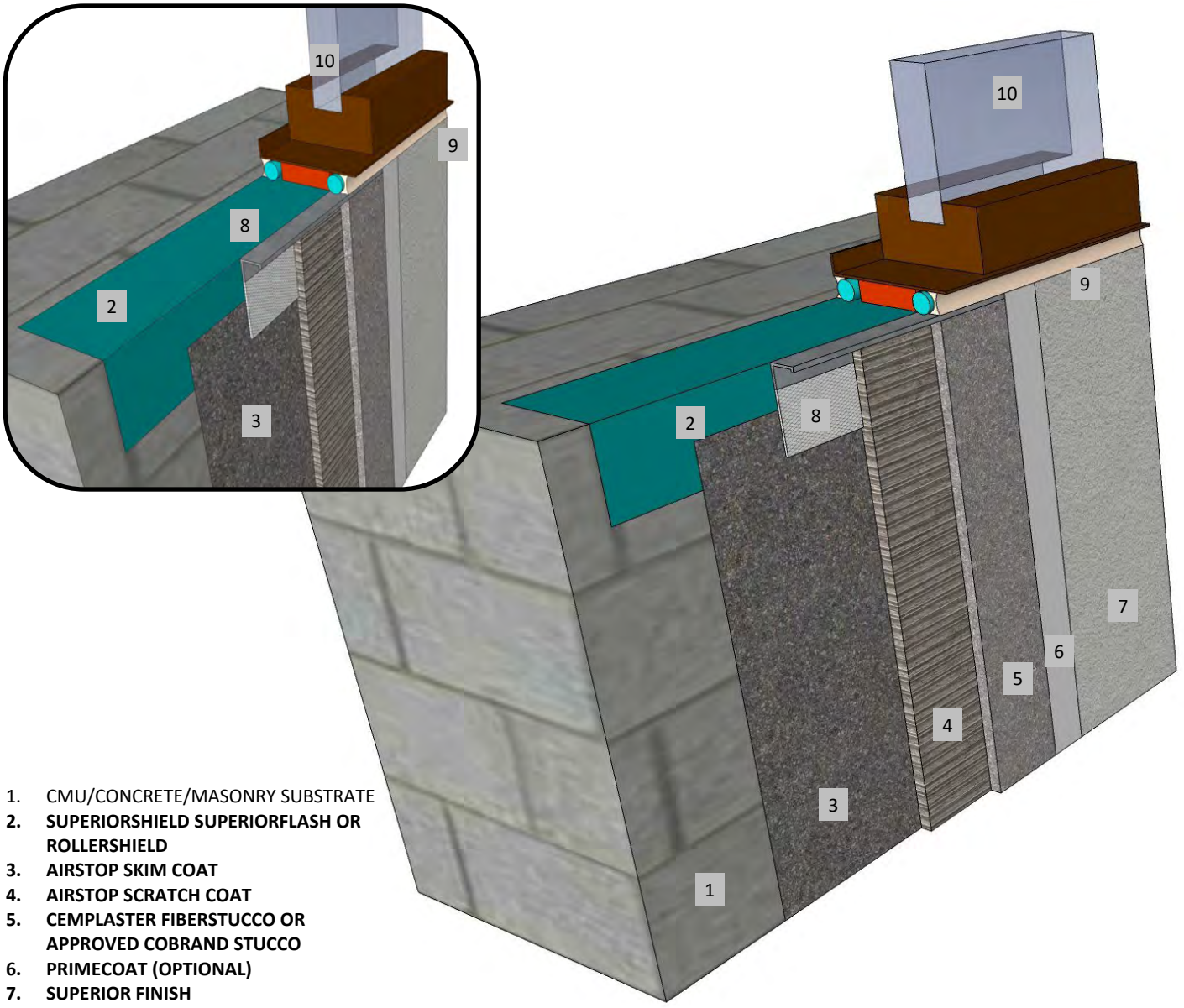
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AIRSTOP FOR CMU

SYSTEM DETAIL



1. CMU/CONCRETE/MASONRY SUBSTRATE
2. **SUPERIORSHIELD SUPERIORFLASH OR ROLLERSHIELD**
3. **AIRSTOP SKIM COAT**
4. **AIRSTOP SCRATCH COAT**
5. **CEMPLASTER FIBERSTUCCO OR APPROVED COBRAND STUCCO**
6. **PRIMECOAT (OPTIONAL)**
7. **SUPERIOR FINISH**
8. STUCCO CASING BEAD
9. SEALANT JOINT – 3/8" MINIMUM SUGGESTED
10. WINDOW – WITH SILL PAN SHOWN

MWAS-08 WINDOW SILL

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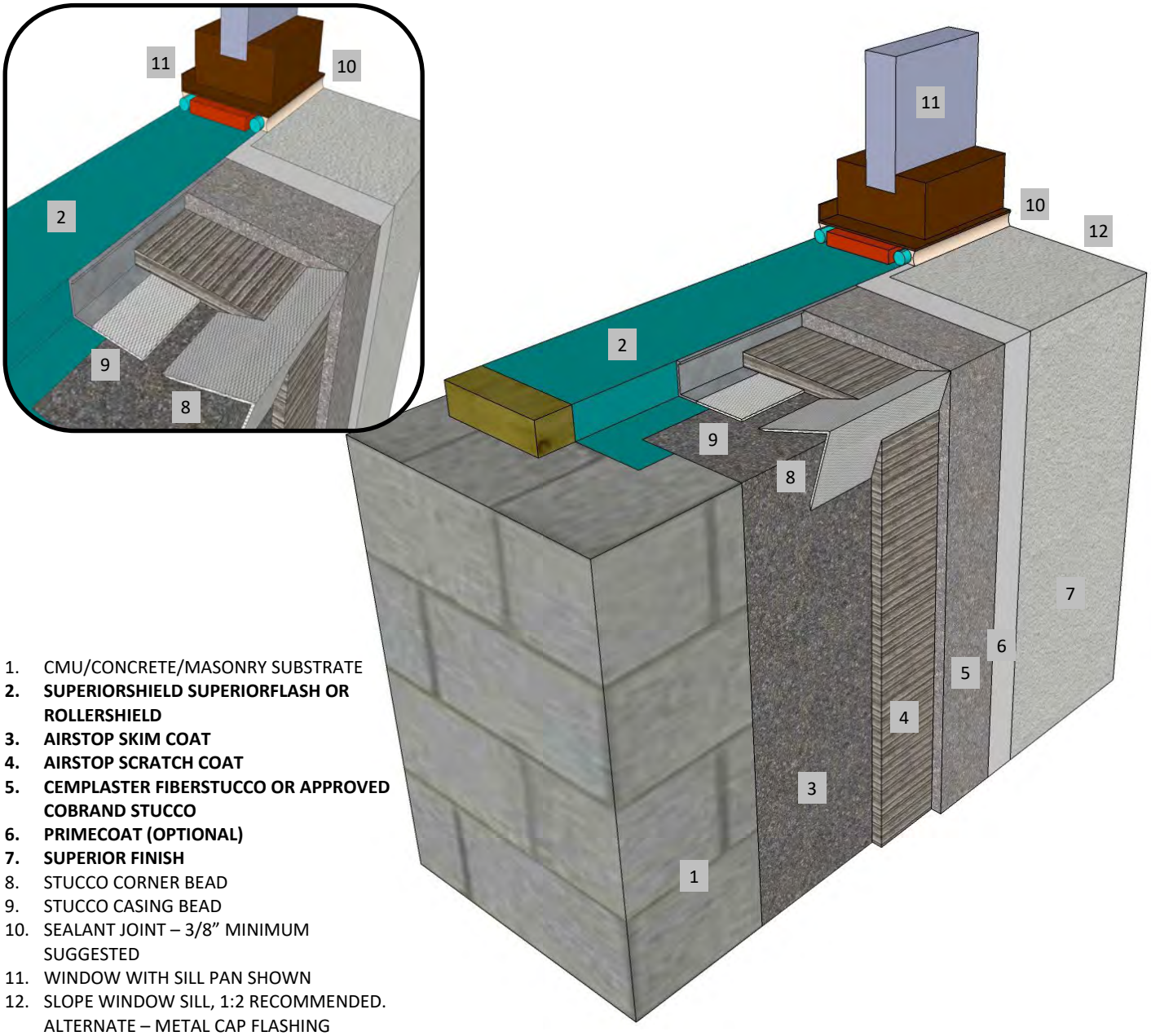
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AIRSTOP FOR CMU

SYSTEM DETAIL



1. CMU/CONCRETE/MASONRY SUBSTRATE
2. **SUPERIORSHIELD SUPERIORFLASH OR ROLLERSHIELD**
3. **AIRSTOP SKIM COAT**
4. **AIRSTOP SCRATCH COAT**
5. **CEMPLASTER FIBERSTUCCO OR APPROVED COBRAND STUCCO**
6. **PRIMECOAT (OPTIONAL)**
7. **SUPERIOR FINISH**
8. STUCCO CORNER BEAD
9. STUCCO CASING BEAD
10. SEALANT JOINT – 3/8" MINIMUM SUGGESTED
11. WINDOW WITH SILL PAN SHOWN
12. SLOPE WINDOW SILL, 1:2 RECOMMENDED. ALTERNATE – METAL CAP FLASHING

MWAS-09 RECESSED WINDOW SILL

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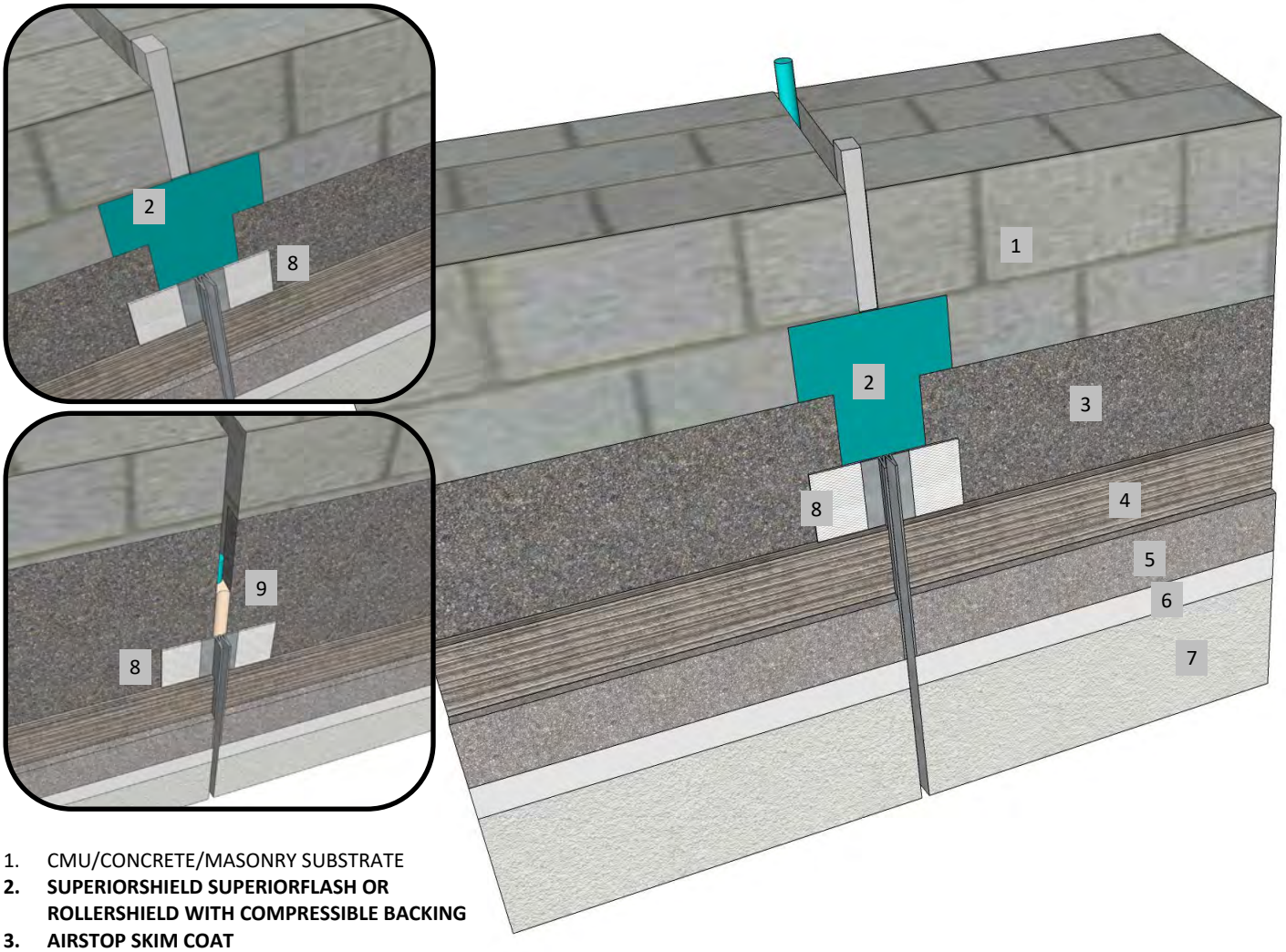
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AIRSTOP FOR CMU

SYSTEM DETAIL



1. CMU/CONCRETE/MASONRY SUBSTRATE
2. **SUPERIORSHIELD SUPERIORFLASH OR ROLLERSHIELD WITH COMPRESSIBLE BACKING**
3. **AIRSTOP SKIM COAT**
4. **AIRSTOP SCRATCH COAT**
5. **CEMPLASTER FIBERSTUCCO OR APPROVED COBRAND STUCCO**
6. **PRIMECOAT (OPTIONAL)**
7. **SUPERIOR FINISH**
8. STUCCO CONTROL JOINT
9. ALTERNATE: **AIRSTOP** RETURNED INTO JOINT WITH **SUPERIORSHIELD SMP SEALANT** OR OTHER SEALANT

MWAS-10 MASONRY CONTROL JOINT

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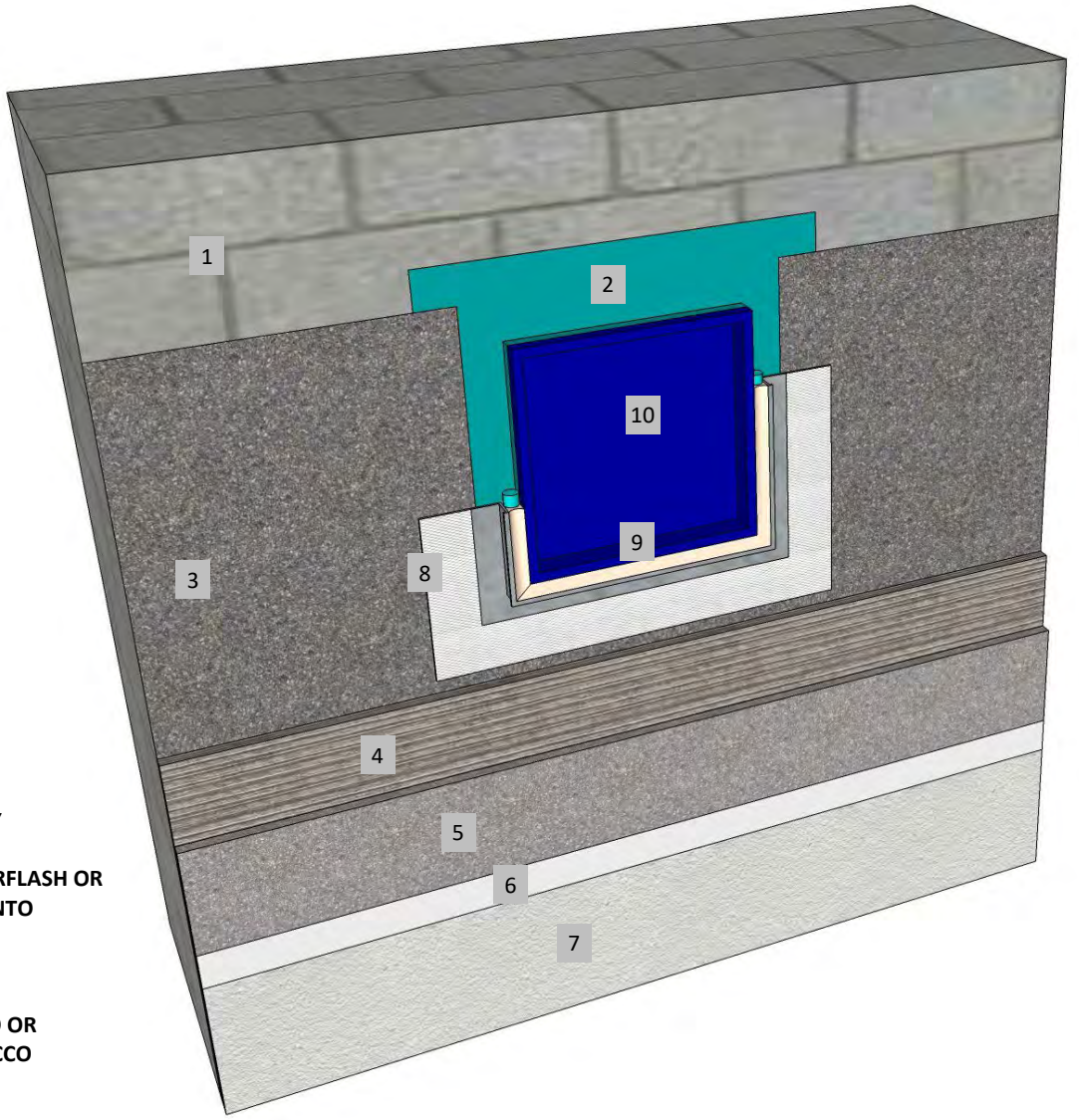
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SYSTEM DETAIL



1. CMU/CONCRETE/MASONRY SUBSTRATE
2. **SUPERIORSHIELD SUPERIORFLASH OR ROLLERSHIELD FLASHED ONTO PENETRATION**
3. **AIRSTOP SKIM COAT**
4. **AIRSTOP SCRATCH COAT**
5. **CEMPLASTER FIBERSTUCCO OR APPROVED COBRAND STUCCO**
6. **PRIMECOAT (OPTIONAL)**
7. **SUPERIOR FINISH**
8. STUCCO CASING BEAD AS NEEDED FOR LARGER PENETRATIONS
9. SEALANT JOINT – 3/8" MINIMUM SUGGESTED
10. PENETRATION

MWAS-11 PENETRATION

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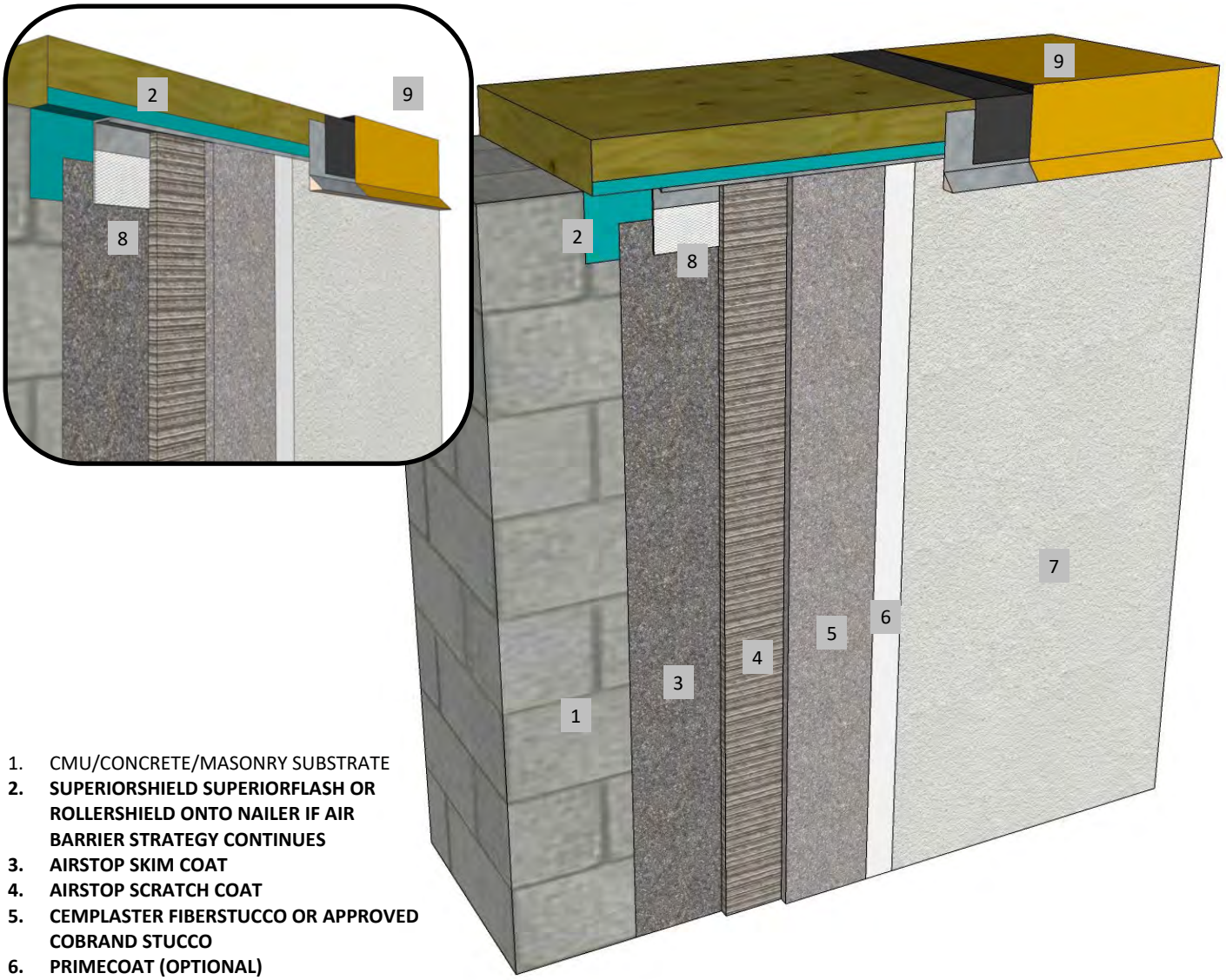
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SYSTEM DETAIL



1. CMU/CONCRETE/MASONRY SUBSTRATE
2. **SUPERIORSHIELD SUPERIORFLASH OR ROLLERSHIELD ONTO NAILER IF AIR BARRIER STRATEGY CONTINUES**
3. **AIRSTOP SKIM COAT**
4. **AIRSTOP SCRATCH COAT**
5. **CEMPLASTER FIBERSTUCCO OR APPROVED COBRAND STUCCO**
6. **PRIMECOAT (OPTIONAL)**
7. **SUPERIOR FINISH**
8. STUCCO CASING BEAD
9. ROOF CAP WITH CONTINUOUS CLEAT, EXTEND 2-1/2" MIN. OVER STUCCO, SEAL LOWER EDGE

MWAS-12 ROOF CAP

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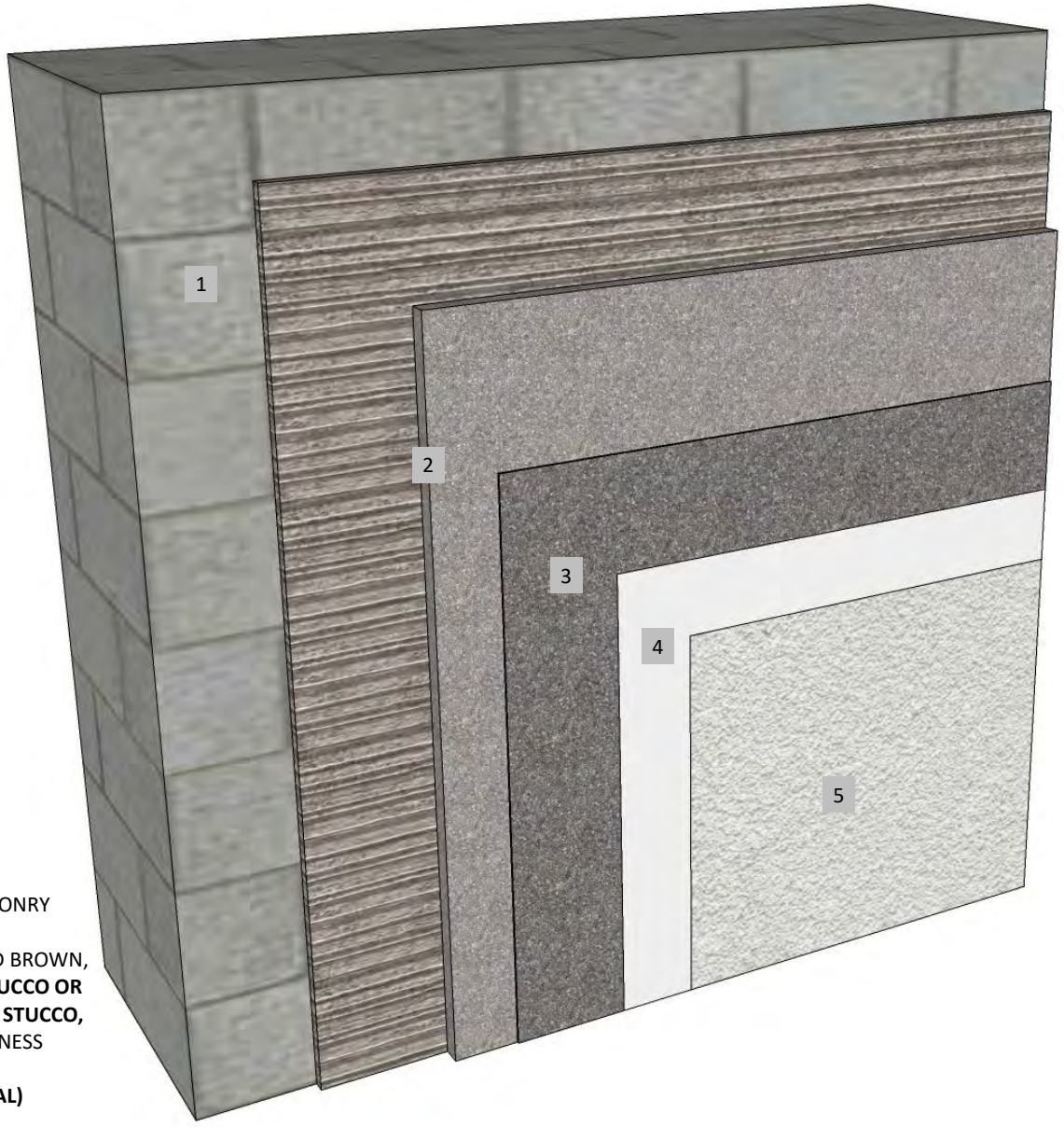
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SYSTEM DETAIL



1. CMU/CONCRETE/MASONRY SUBSTRATE
2. STUCCO SCRATCH AND BROWN, **CEMPLASTER FIBERSTUCCO OR APPROVED COBRAND STUCCO,** 5/8" MINIMUM THICKNESS
3. **AIRSTOP SKIM COAT**
4. **PRIMECOAT (OPTIONAL)**
5. **SUPERIOR FINISH**

MWAS-13 AIRSTOP OVERLAY

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