Project Submittal

For: Typical
United States Virgin Islands

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FINESTONE®

Stucco Resurfacing Systems

Repair with Confidence

BASF
The Chemical Company

Repair with Confidence

The common practice of patching and painting stucco cracks is only a short term fix. Finestone offers a longer-lasting approach to stucco repair.

Although its composition has been modified since the 1800's, stucco has been used as a reliable and durable wall cladding since ancient times.

Like any other cladding, stucco requires maintenance. Stucco, by nature, is brittle and has limited ability to tolerate building movement and freeze/thaw cycles. It cracks. Repair of minor hairline cracks is not critical or urgent, but as cracks spread and grow, they create potential for several undesirable and potentially costly conditions such as moisture intrusion, damage to the building's framing, leaks into the interior, etc.

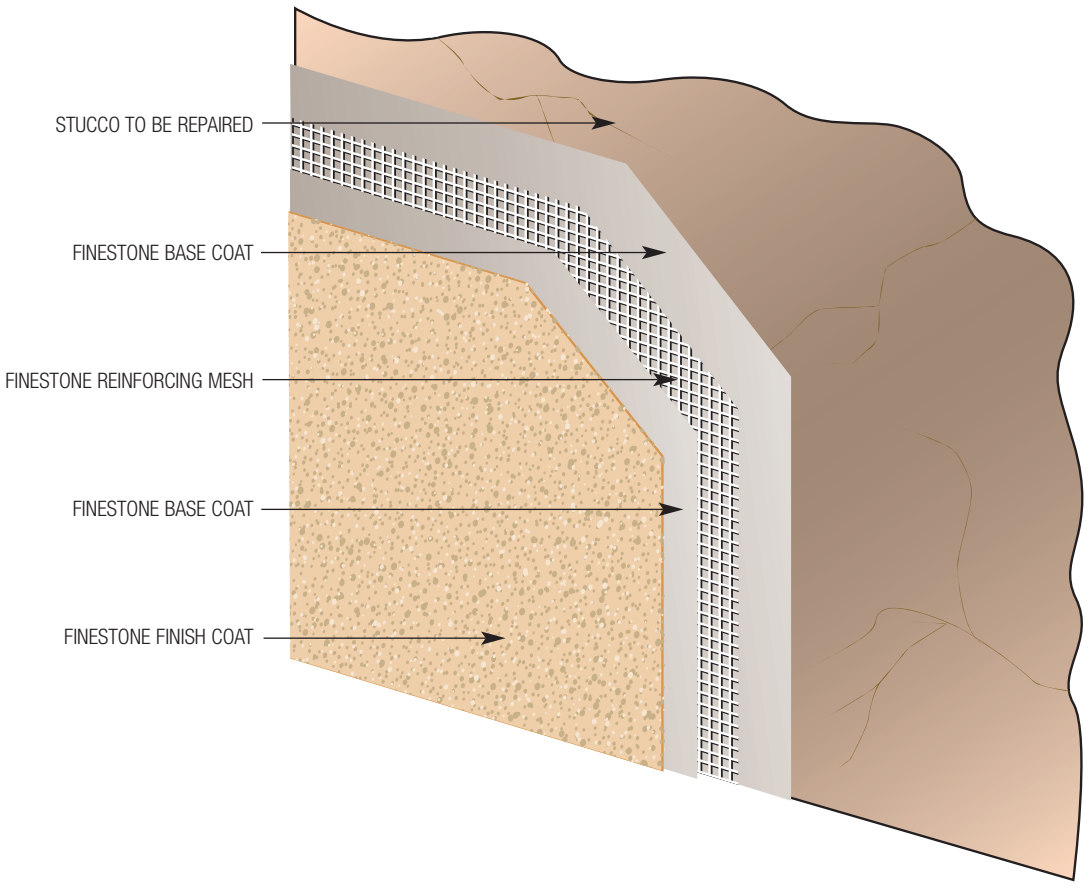
Repairs Designed to Last

The common practice of patching and painting stucco cracks is only a short term fix. New cracks will appear and patched cracks will reappear. Paint can also lose its bond, creating additional maintenance challenges.

Finestone offers a longer-lasting approach to stucco repair. A Finestone Stucco Resurfacing System creates a beautifully colored, textured and reinforced skin over the stucco surface. In addition to covering cracks for wall protection, its reinforced acrylic base coat and finish are able to resist new cracking.

Benefits include:

- Finestone Stucco Resurfacing Systems are the only approach to repair that truly adds crack resistance over the existing stucco wall;
- They provide a longer lasting approach to repairs – colored finishes are fade – crack – and peel-resistant. Composed of acrylic and cement materials, the base coats are compatible with stucco and will not lose their bond;
- They provide added weather resistance, protecting even against wind driven rain;
- With their inherent high water vapor permeability, they allow the wall to breathe, a necessity for long term performance;
- They yield a more uniform appearance; the building looks better from the street and the walls look better close up;
- With their wide adaptability and their easy integration of shapes, they expand design flexibility with superior aesthetics, enabling the total transformation of a building's appearance;
- Options allow for the replication of brick, cut stone, metal panels, granite, and more.



Limitations of standard stucco repair techniques

The life cycle costs of Finestone Stucco Resurfacing Systems represents a siginificant savings over traditional repair techniques.

Finestone Stucco Resurfacing Systems are the smartest approach yet to stucco repair. Their life cycle cost represents a significant savings over traditional repair techniques. Standard repairs most often include patching holes and cracks with stucco brown coat and finishing with acrylic or elastomeric paint, colored stucco or other finishing products, or simply filling cracks with caulk and then painting. We do not recommend these methods because of their limitations which include:

- Acrylic paints do not bridge cracks or hide cracks and therefore should not be considered repair materials;
- Caulk used for filling cracks has a limited lifetime; eventually it will require removal and replacement;
- Repairs to surface cracks using caulk often "read through" the paint; they result in undesirable variations in texture and color over the wall surface;
- Paints can be incompatible with the caulk used as crack filler. Out gassing from sealants can cause paints to lose their bond with sealants over time;
- Elastomeric paint must be applied to its designed mil thickness – neither too thin nor too thick - to achieve optimal elongation; they also require multiple coats to achieve target thickness.

After

Before

Stucco Resurfacing System Components

The Basics

For most applications over stucco, installation is a two step process that includes the following proven Finestone products

A/BC or A/BC 1-Step
Both exhibit a strong tensile bond to prepared stucco. A/BC is comprised of an acrylic liquid that is mixed at the job site with Portland cement. A/BC 1-Step is a powdered version that requires only mixing with potable water at the job site.

Reinforcing Mesh
A 4 ounce/yd^2 woven fiberglass mesh, specially treated for resistance to the alkalinity present in stucco and cement. Mesh embedded in Finestone base coat delivers a high level of crack resistance that stucco alone can never provide.

Pebbletex Finishes
Available in an endless color selection, Pebbletex finishes come in seven textures. All are formulated from 100% acrylic resins to ensure flexibility, fade resistance, crack resistance and long term performance.

System Options and Upgrades

In addition to the basics, Finestone offers several products designed to address specific challenges posed by a project or to enhance the appearance or extend the performance of the finished wall:

- Fineprime/StuccoPrime – improve the finish appearance and reduce the chance of efflorescence.
- Fineguard Base Coat for added weather resistance around window sills and jambs, parapet caps, and near landscaping.
- Aggrelastic Finish – all the colors and most of the textures of Pebbletex Finishes are also available in this elastomeric version which some owners prefer for its added flexibility.
- Specialty Finishes can provide the look of monolithic stone or brick, replicate the look of metal panels or provide several other unique looks that have to be seen to be appreciated.
- Flashing Tape FF – peel and stick membranes around rough openings in wall prior to installation of replacement windows
- Sonolastic 150 with VLM Technology Sealant – designed specifically for EIFS and stucco, it is backed by a single source warranty from BASF for the wall surface and sealant.
- In addition, decorative expanded polystyrene shapes are easily and economically integrated into the renovation, adding a high degree of visual interest to the building – at a very good value.

Reasons to consider Finestone® Wall Systems

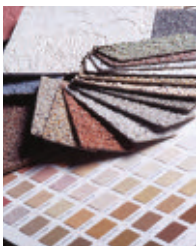
1 Proven track record
The Finestone brand of coatings dates back to 1962 and our EIFS were introduced in the mid 80's.

2 Single source warranty
BASF stands behind the cladding and sealant. Sonolastic® 150 with VLM technology is the sealant designed for EIFS and stucco systems by our sister company, BASF Building Systems. Obtain more information at www.BASFwallsystems.com.

3 Technical support
- Consultation
  - On site
  - Plan review
- WVT analysis
- Additional engineering feedback

4 Vast, strategically located distributor network
Knowledgeable and service-oriented

5 Wide flexibility in aesthetics
- Color, texture and form
- Replicate brick, cut stone, metal panels, granite
- Totally transform a building's appearance



6 Access to approved applicators

7 Backed by BASF, the world's largest chemical company



In a world full of choices, we have focused our people, products, systems and network of support services on helping you produce the most beautiful and enduring structures possible.

Call us at 1-800-221-9255 to find out more and for a distributor in your area.

NOTE
BASF Wall Systems is an operating unit of BASF Corporation (herein referred to as "BASF Wall Systems")

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FINESTONE®

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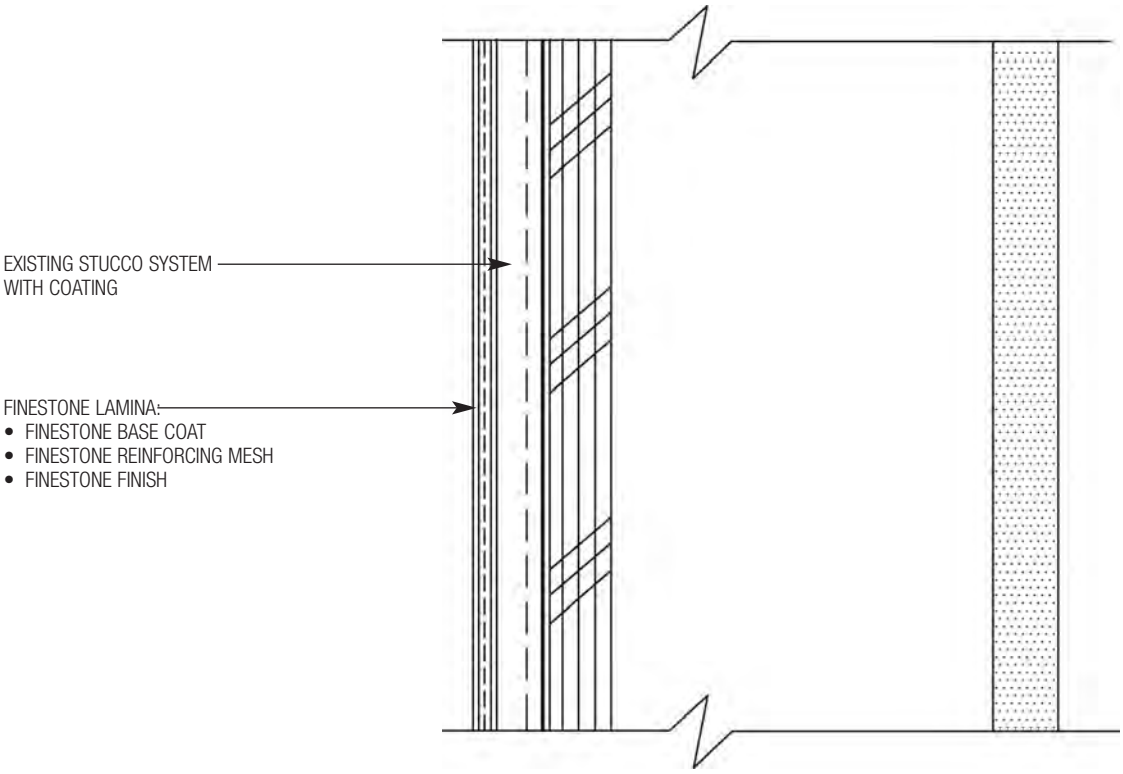
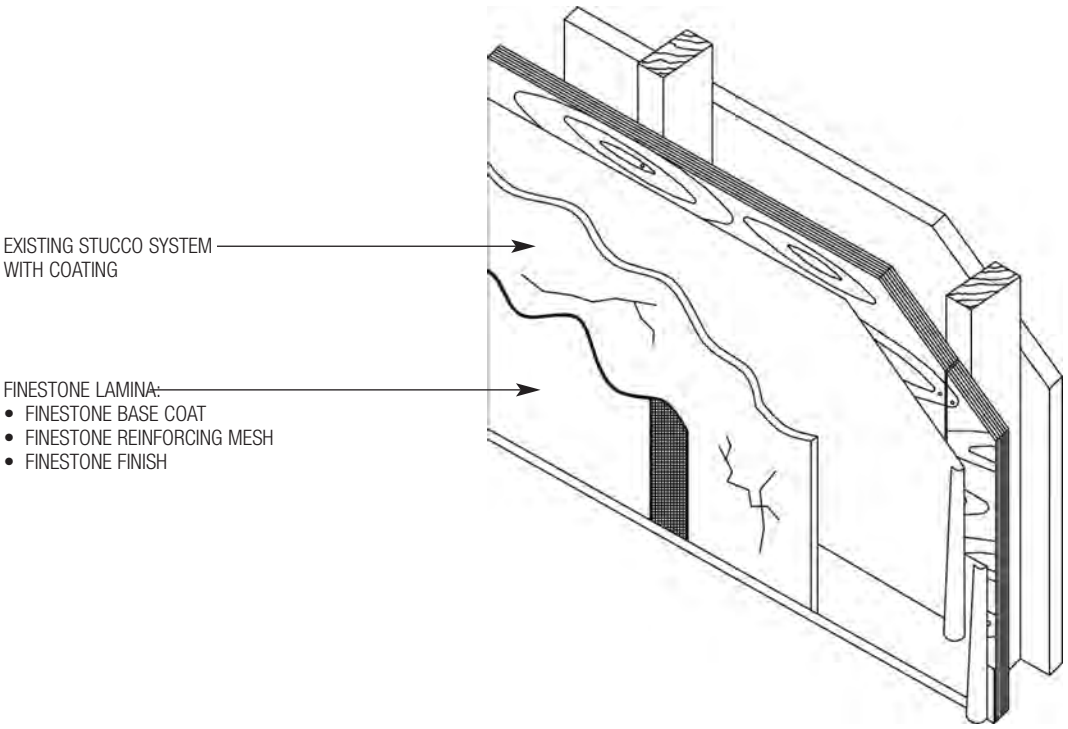
Stucco Resurfacing System Details

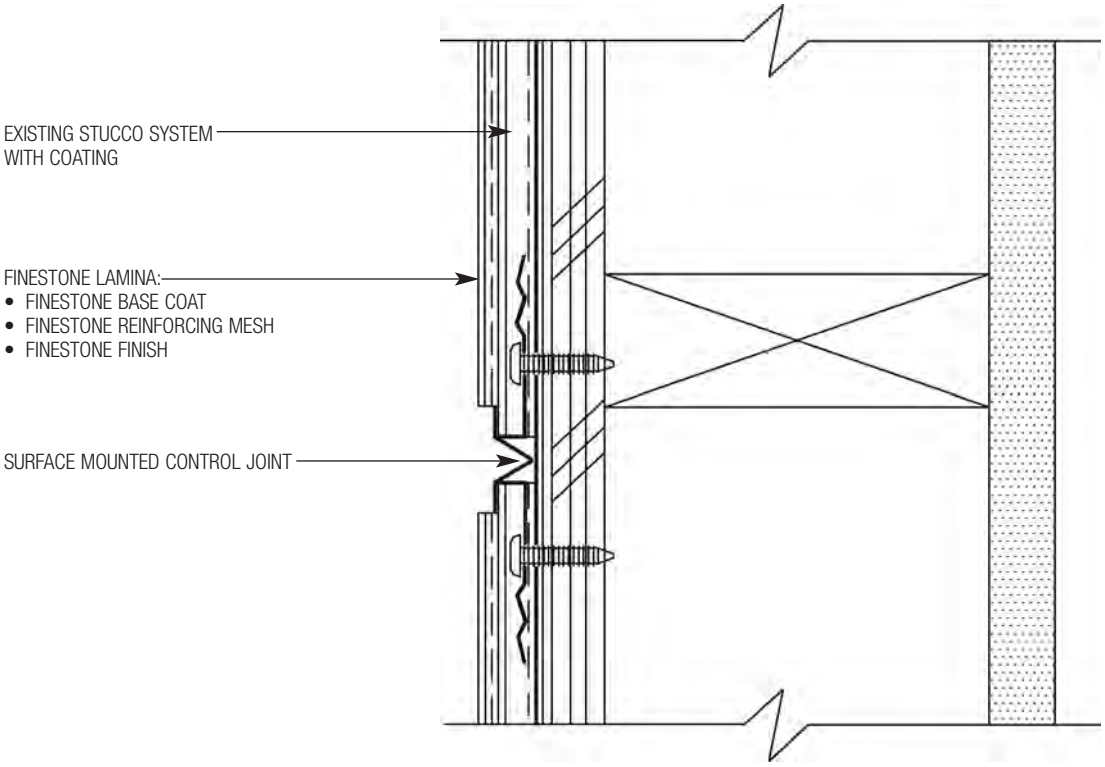
1. Finestone Lamina Application
2. Finestone Lamina Application (Isometric View)
3. Typical Surface Control Joint (Plan View)
4. Typical Clad Window Jamb (Plan View)
5. Typical Clad Window Head
6. Typical Clad Window Sill
7. Typical Primed Window Head
8. Typical Primed Window Jamb
9. Typical Primed Window Sill
10. Typical Horizontal Expansion Joint at Floor Line Wood Frame Construction
11. Typical Termination at Soffit/Gable End
12. Typical Downspout Application
13. Typical Pipe Penetration
14. Typical Light Fixture
15. Typical Dryer Vent
16. Termination at Foundation
17. Termination at Top of Deck
18. Termination at Bottom of Deck
19. Typical Metal Coping
20. Typical Corner Bead
21. Typical Kick-out Flashing



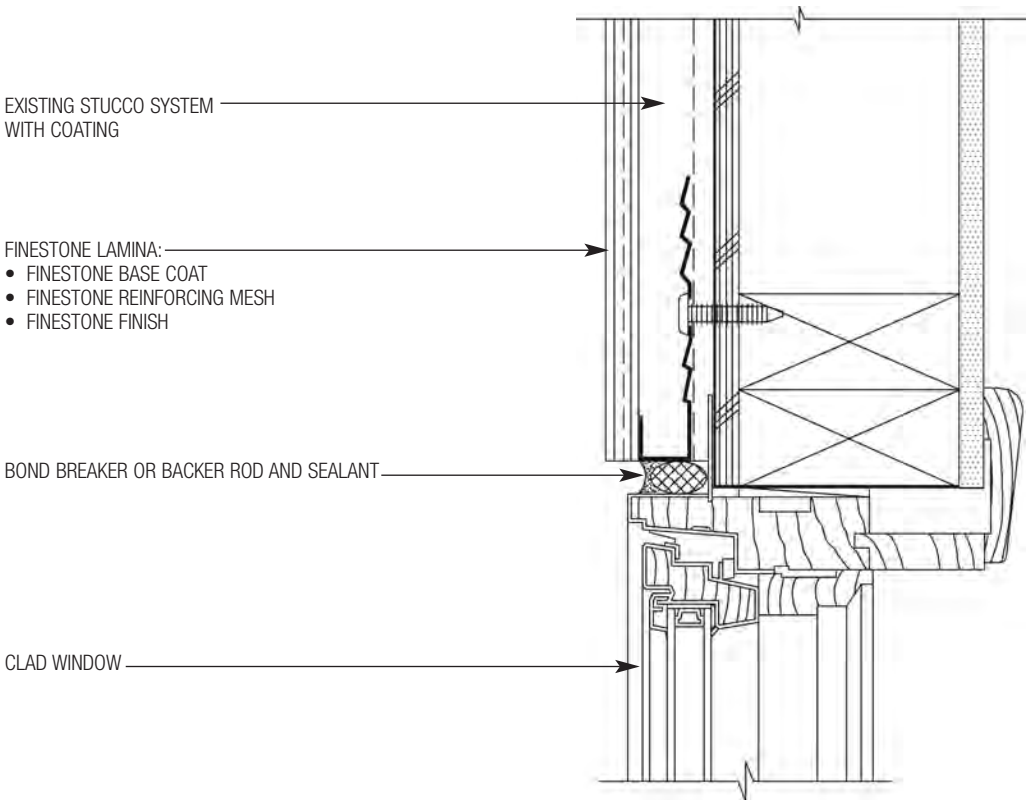
SRD–01 FINESTONE LAMINA APPLICATION



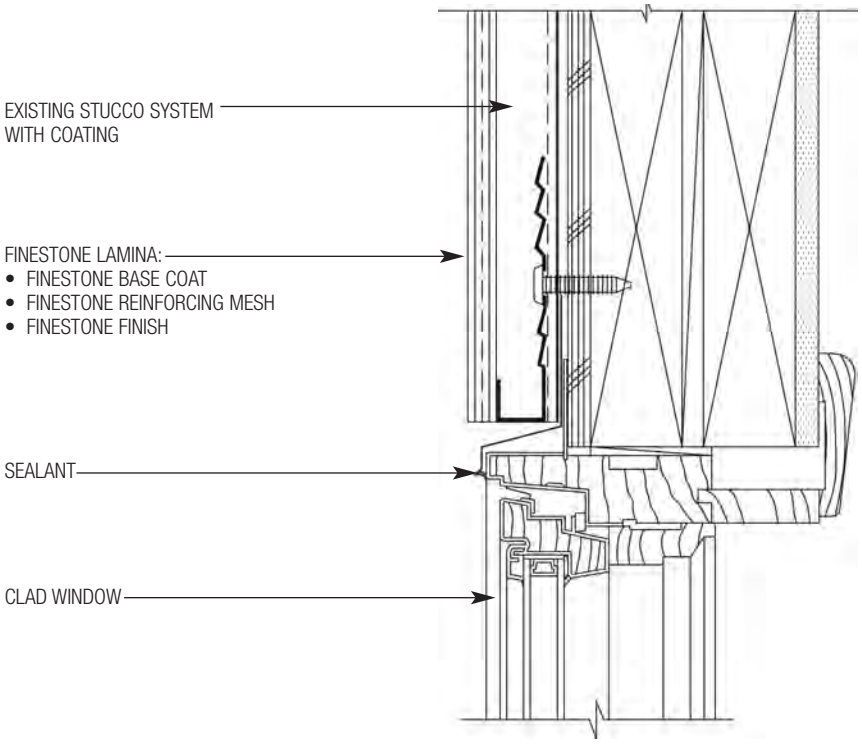
SRD–02 ISOMETRIC VIEW



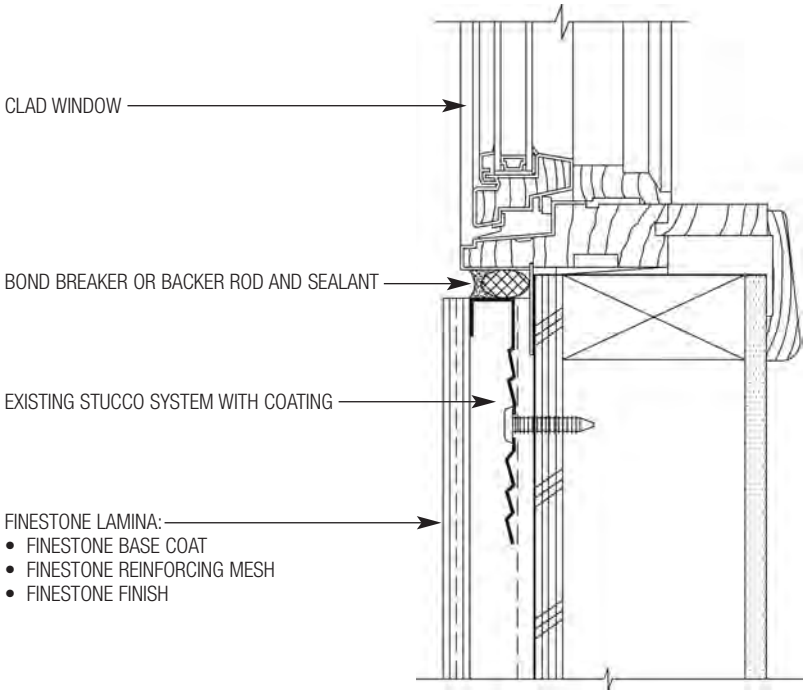
SRD-03 TYPICAL SURFACE CONTROL JOINT



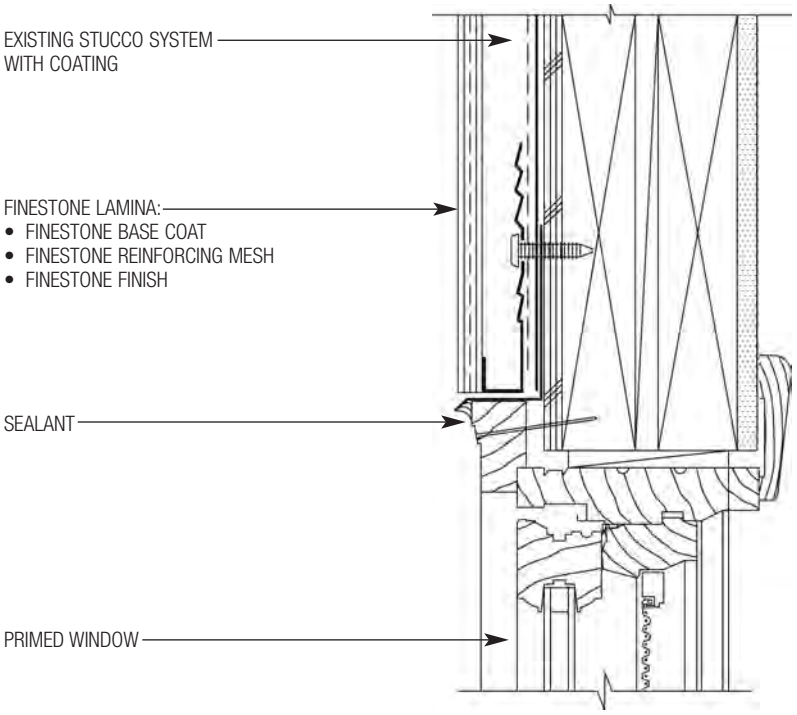
SRD-04 TYPICAL CLAD WINDOW JAMB



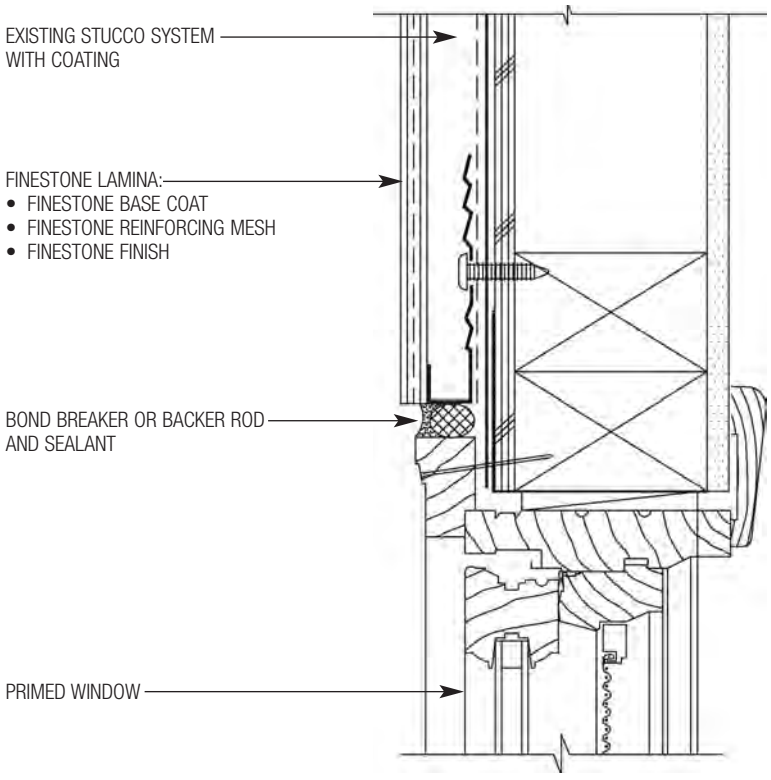
SRD–05 TYPICAL CLAD WINDOW HEAD



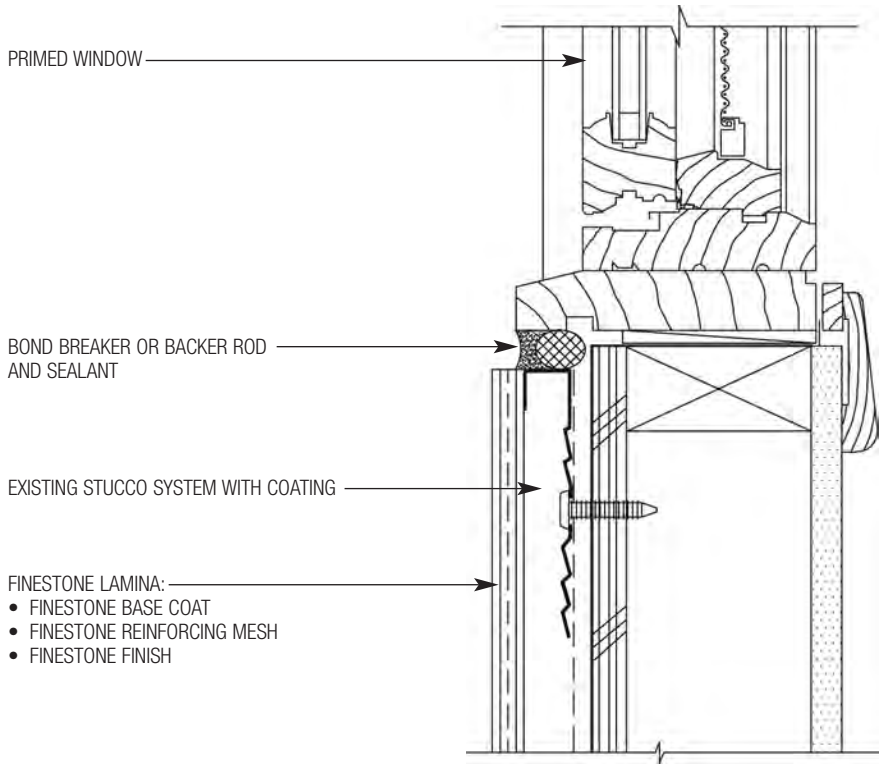
SRD-06 TYPICAL CLAD WINDOW SILL



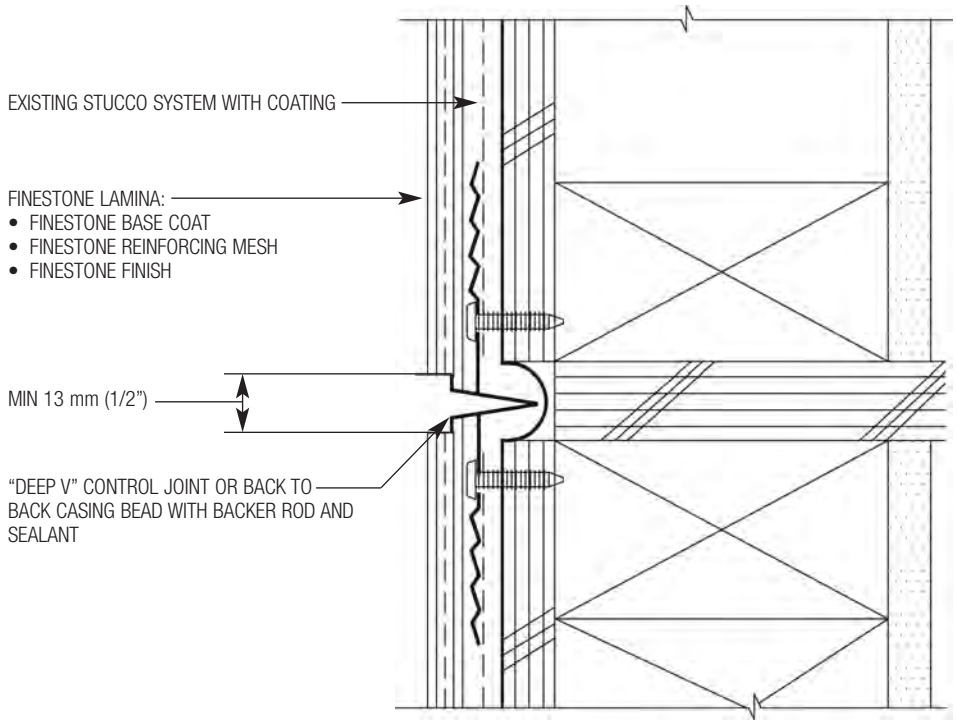
SRD-07 TYPICAL PRIMED WINDOW HEAD



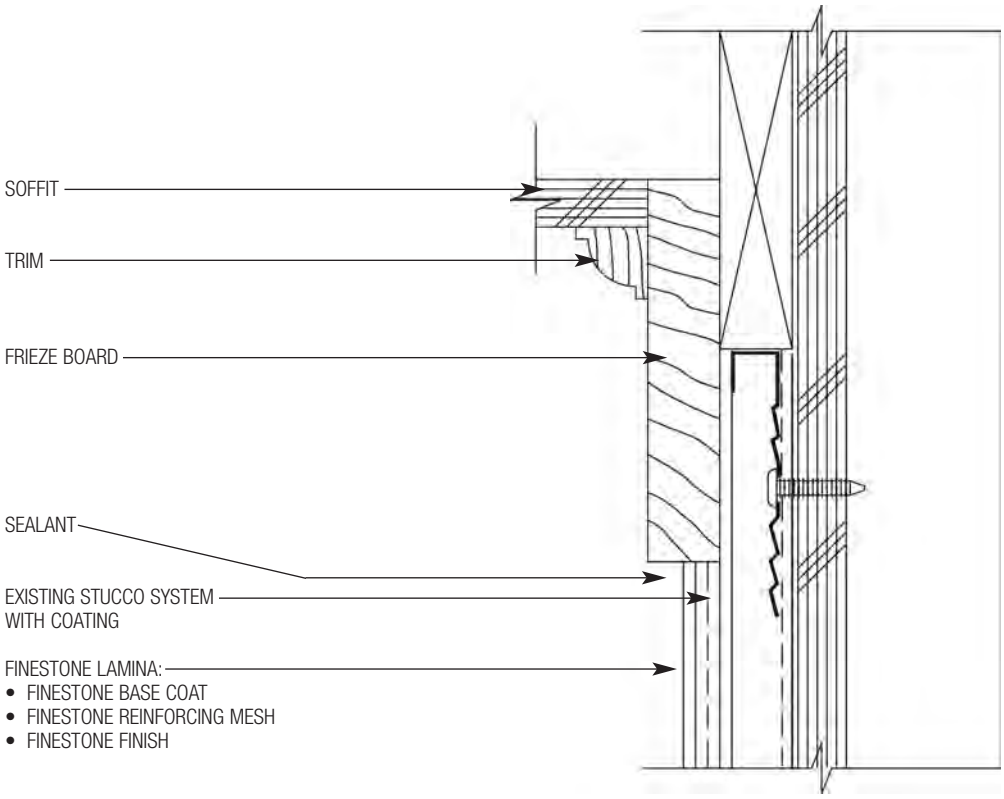
SRD-08 TYPICAL PRIMED WINDOW JAMB



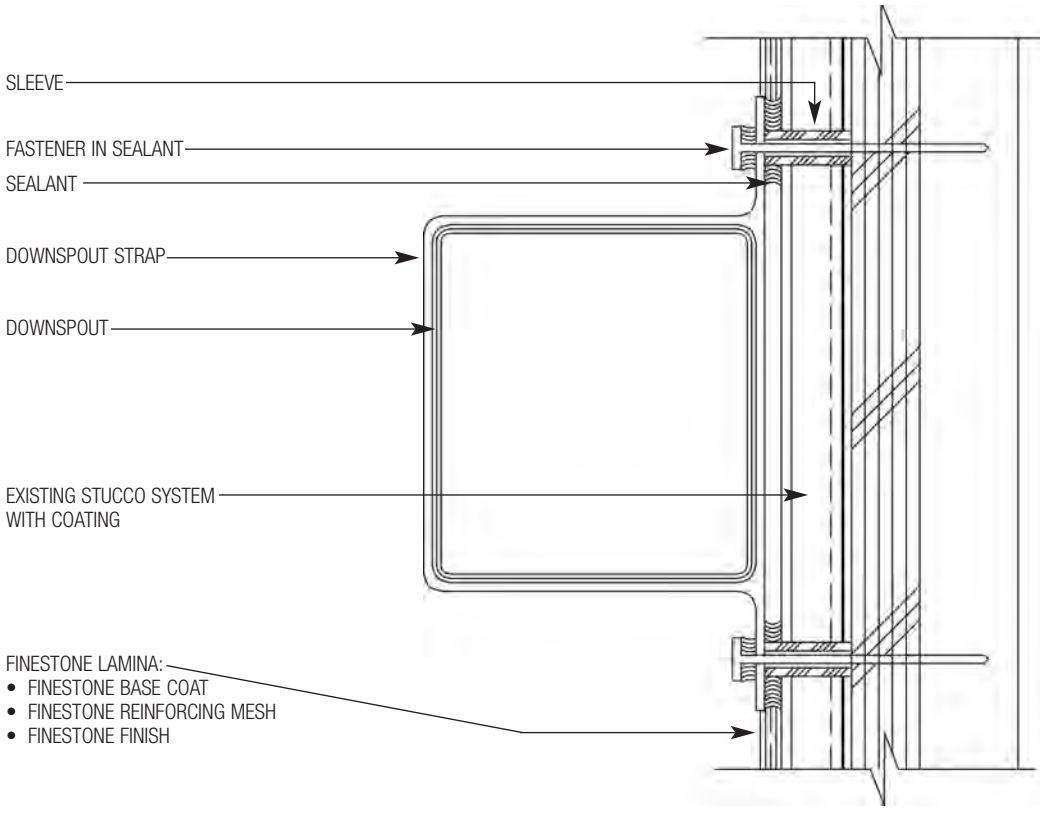
SRD-09 TYPICAL PRIMED WINDOW SILL



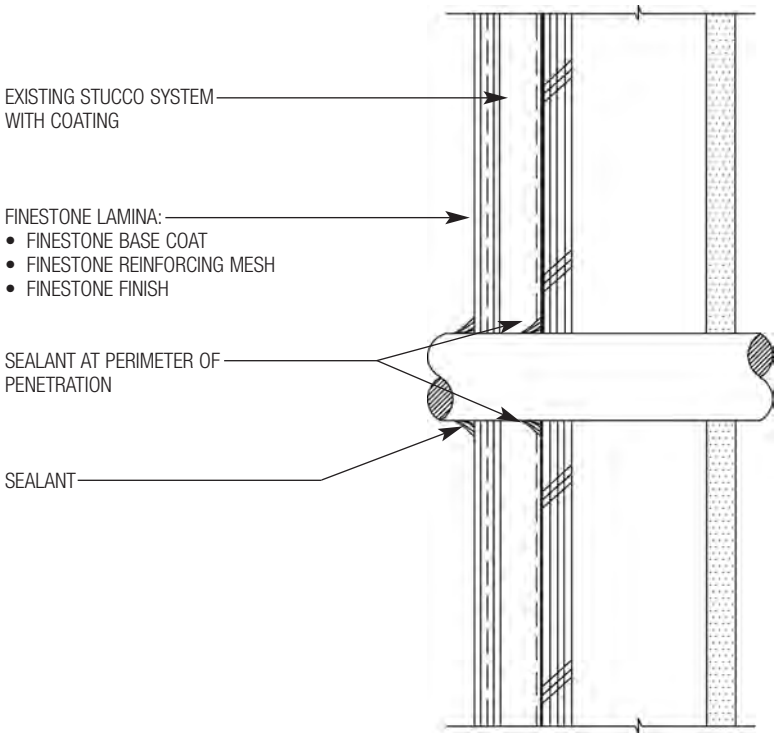
SRD-10 TYPICAL HORIZONTAL EXPANSION JOINT AT FLOOR LINE WOOD FRAME CONSTRUCTION



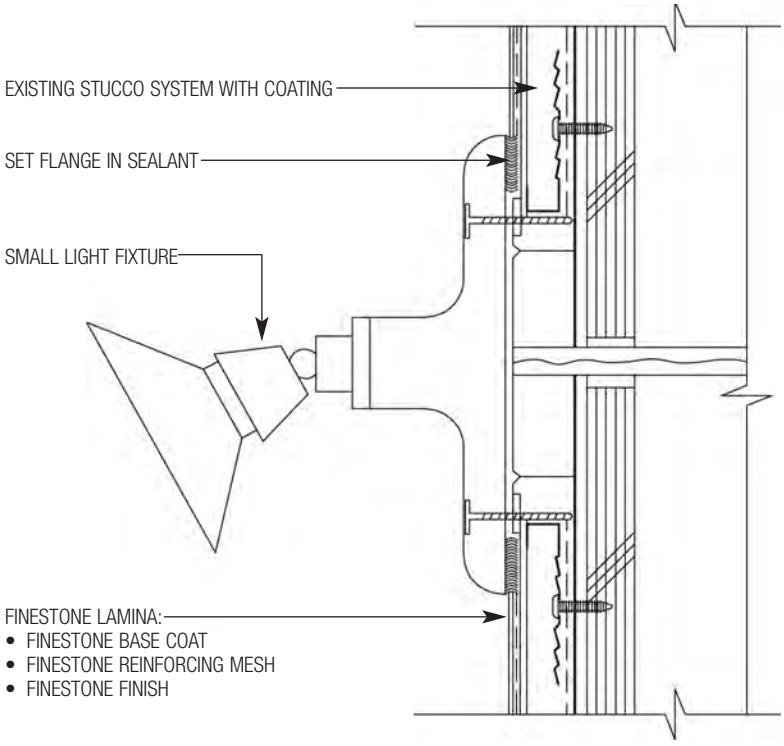
SRD-11 TYPICAL TERMINATION AT SOFFIT/GABLE



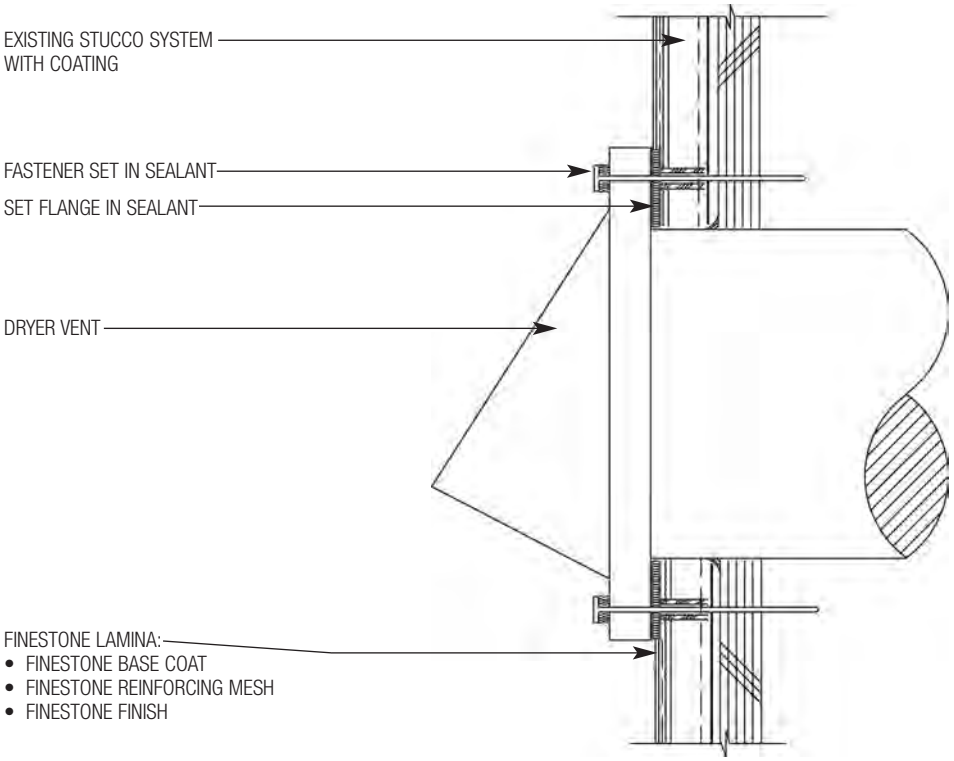
SRD-12 TYPICAL DOWNSPOUT APPLICATION



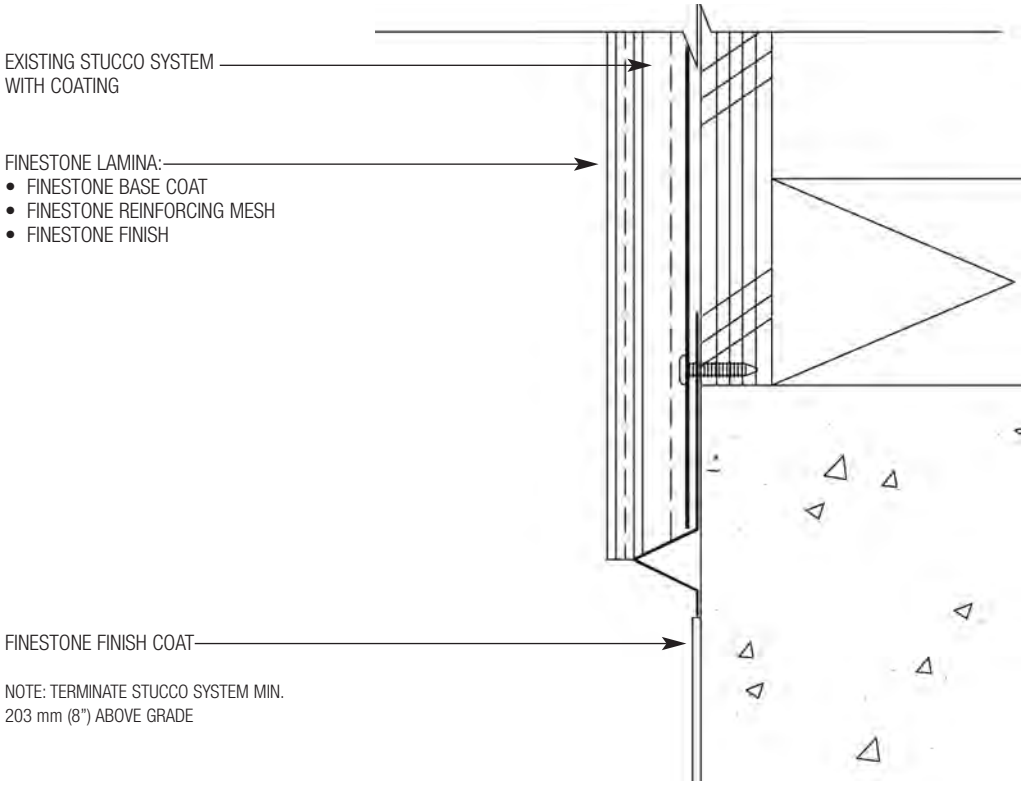
SRD-13 TYPICAL PIPE PENETRATION



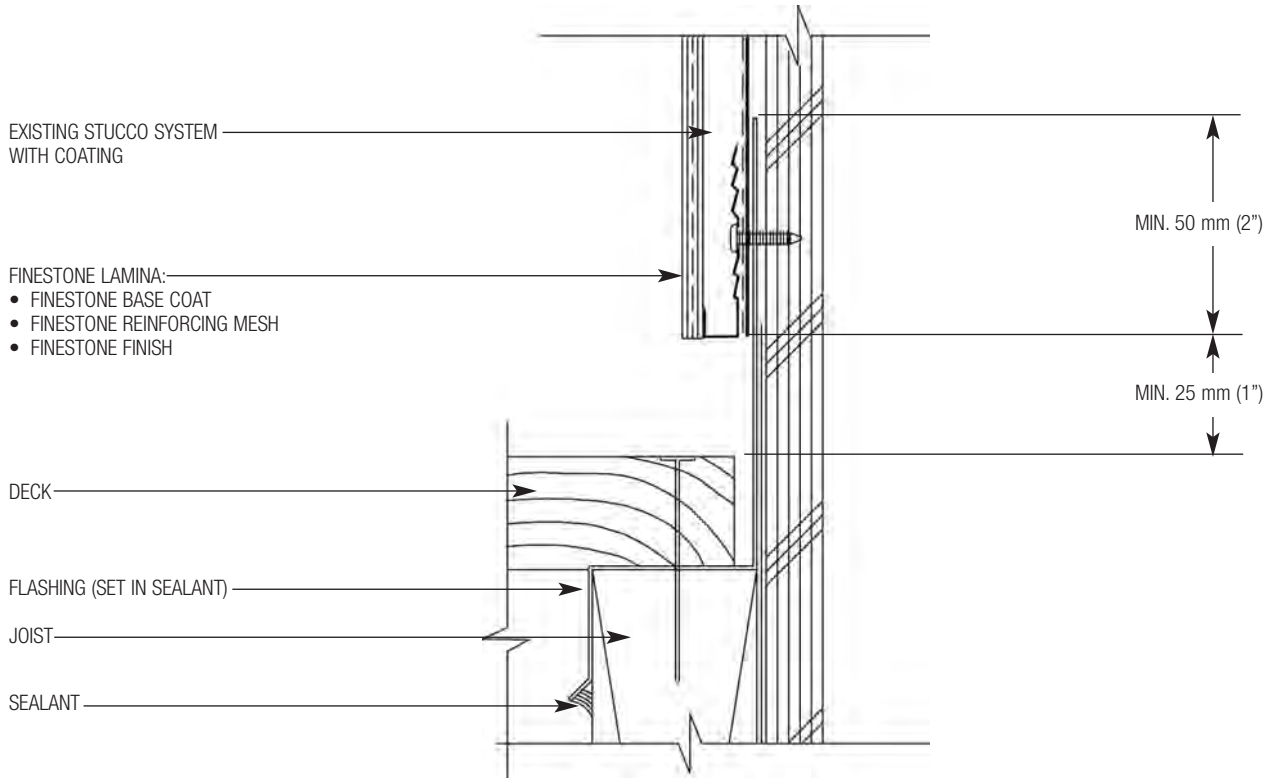
SRD-14 TYPICAL LIGHT FIXTURE



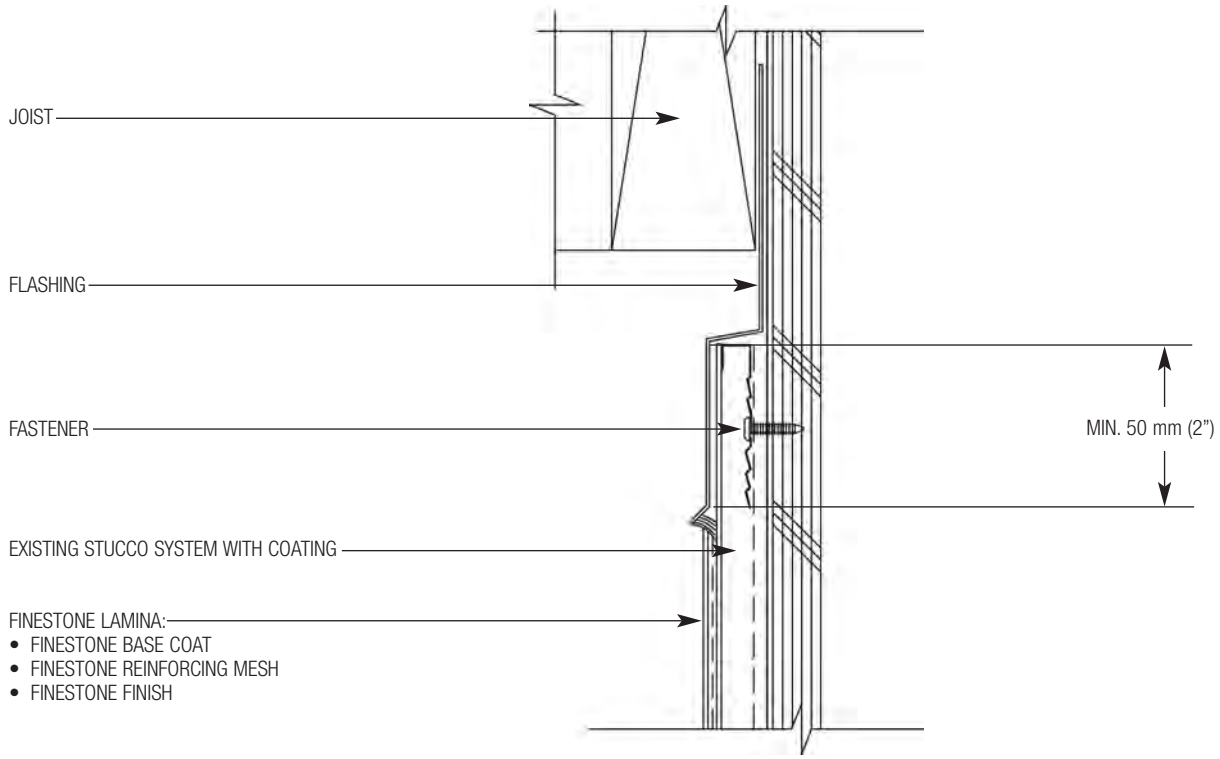
SRD-15 TYPICAL DRYER VENT



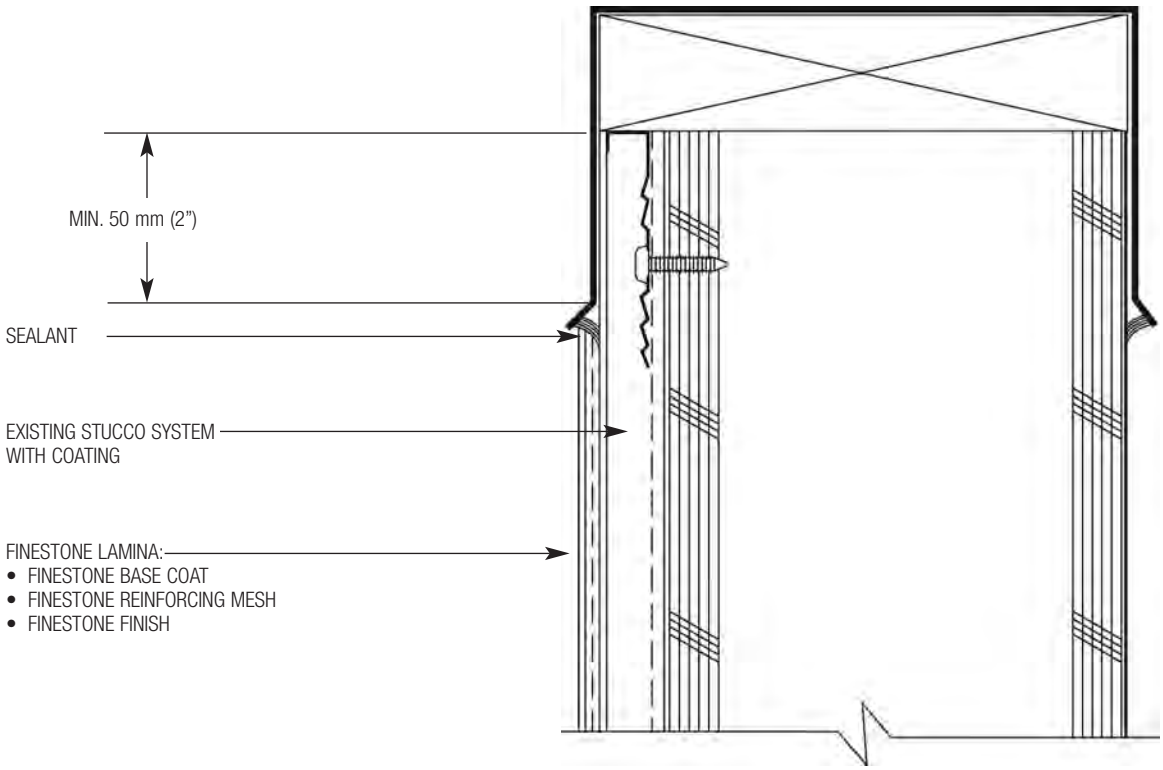
SRD–16 TERMINATION AT FOUDATION



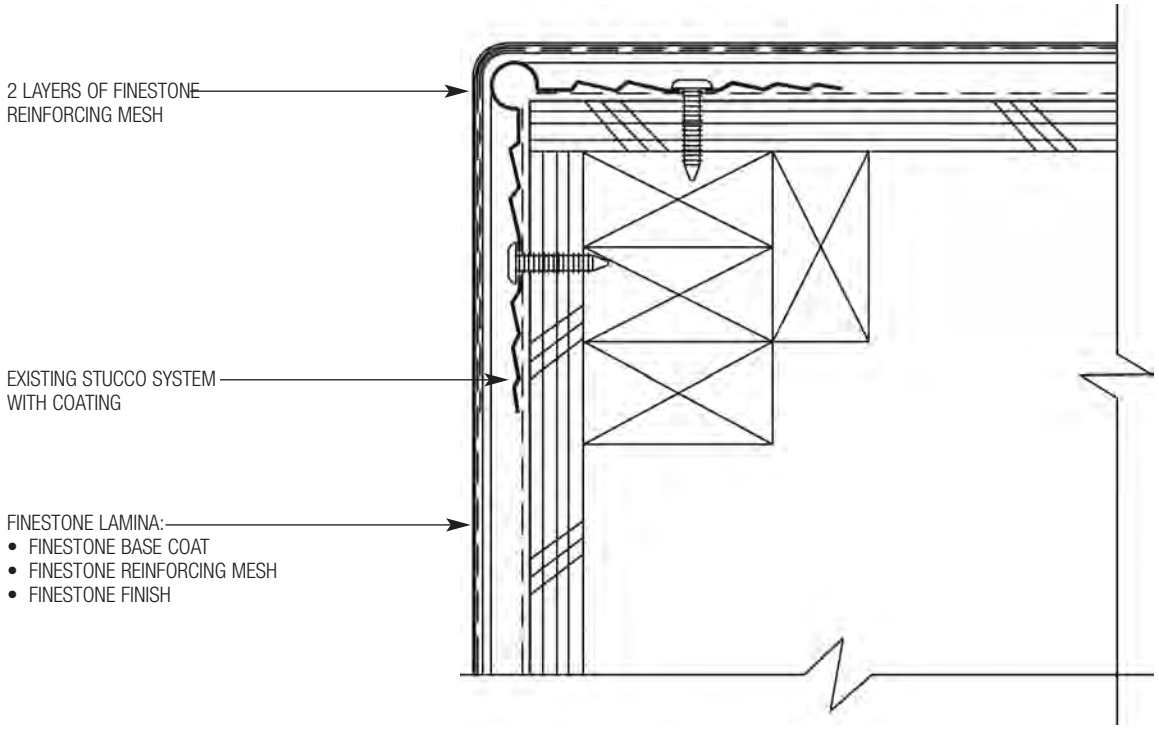
SRD-17 TERMINATION AT TOP OF DECK



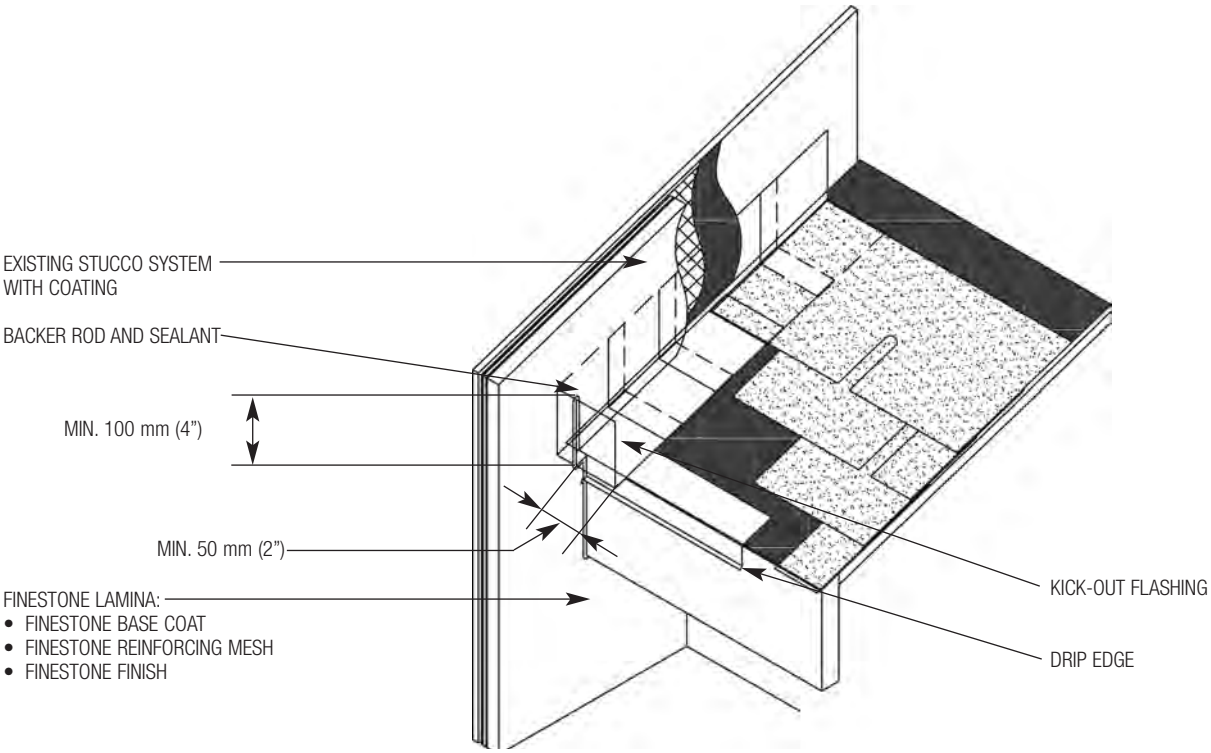
SRD-18 TERMINATION AT BOTTOM OF DECK



SRD-19 TYPICAL METAL COPING DETAIL



SRD-20 TYPICAL CORNER BEAD DETAIL



NOTE:
- KICK-OUT FLASHING MUST BE ANGLED 100° MIN. TO ALLOW FOR PROPER DRAINAGE.
- KICK-OUT FLASHING SEAMS MUST BE SOLDERED OR SEALED WITH APPROPRIATE SEALANT.
- TERMINATE STUCCO SYSTEM 50 mm (2") MIN. ABOVE ROOF

SRD-21 TYPICAL KICKOUT FLASHING DETAIL

NOTES

NOTES

Technical Support

Consult our Technical Services Department (1-800-221-9255) for specific recommendations concerning all other applications.

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Residential Policy

Apply wall systems in accordance with local building codes in force at the time of construction. On one and two-family residential framed construction, BASF Wall Systems requires that the wall system selected be one that includes provisions for moisture drainage. Please view the *Finestone Residential Policy Bulletin* on the Finestone website for a more detailed discussion of this topic.

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FINESTONE®

PRODUCT BULLETIN
1017861

PEBBLETEX FINISHES

PACKAGING
19 L (5 gal.) pail

APPROXIMATE COVERAGE RATES
Natural Swirl texture:
12.0-12.6 m^2 (130-140 ft^2) per pail
CLS 1.5:
8.7-9.5 m^2 (95-105 ft^2) per pail
Mojave texture:
9.3-11.1 m^2 (100-120 ft^2) per pail
Limestone texture:
13.0-13.5 m^2 (140-150 ft^2) per pail
Finetex texture:
Varies depending on free-form application
Finetex Smooth texture:
Varies depending on free-form application

Coverage rates will vary depending on job conditions, substrate absorbency, and application techniques.

COLOR
All Finestone Finishes are available in 64 Standard Colors. Unlimited custom colors are available upon request.

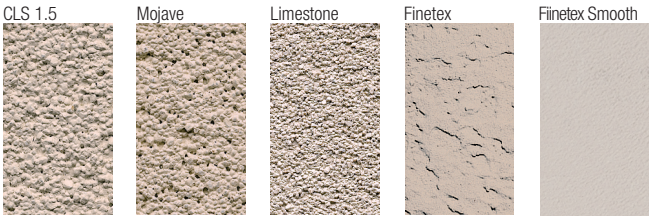
GLOSS
Flat finish

WORKING TIME
Approximately 10 minutes when applied over unprimed Finestone base coats at ambient conditions of 21° C (70° F), 50% relative humidity, and no wind. High temperature, low humidity, wind and/or high absorbency rates of the substrate shorten the working time of Finestone Pebbletex Finishes; low temperature and/or high humidity prolong their working time.

DRYING TIME
Approximately 12 hours to firm set, depending upon the ambient weather conditions, substrate absorbency and applied film thickness. Protect newly applied finish from rain and temperatures less than 4° C (40° F) for at least 24 hours after application.

STORAGE
Store in original containers at temperatures not less than 4° C (40° F) or greater than 43° C (110° F). Store out of direct sunlight and protect from weather. Do not stack pallets.

SHELF LIFE
Approximately 2 years, properly stored in original containers.



Natural Swirl

FINESTONE PEBBLETEX FINISHES *are 100% acrylic polymer-based, textured finish coatings for Finestone Class PB and Class PM EIFS, Finestone Stucco Systems, Finescreen Cement-Board Stucco Systems and Acrylic Surfacing Systems for ICFs. They are also suitable for interior applications. Finestone Pebbletex Finishes offer a variety of textures and unlimited color options for design versatility.*

BASF
The Chemical Company

FINESTONE PEBBLETEX FINISHES

FEATURES	ADVANTAGES
• Creamy consistency	Easy to trowel on to achieve quality finished appearance
• Unlimited colors available	Increased aesthetic design options
• 100% acrylic polymer formula	Excellent adhesion, weather resistance, and durability
• Fade-resistant	Resists UV deterioration
• Water-based	Safe for workers and environment; easy clean up

RECOMMENDED USES

To provide an exterior finish coating for:
- Finestone Pebbletex EIFS
- Finestone Stucco Systems
- Finestone Finescreen Cement Board Stucco Systems
- Approved conventional stucco, masonry or concrete substrate

To provide an interior finish coating for approved interior gypsum board, plaster or prepared masonry

LIMITATIONS

Do not use on flat horizontal surfaces exposed to weather.

Sloped surfaces must have a minimum slope of 6:12. Not recommended for large sloping surfaces greater than 30.5 cm (12”).

Apply only when ambient and substrate temperatures will be at least 4° C (40° F) and higher for at least 24 hours.

Do not apply in direct sunlight. Applying in sunlight may result in cold joints or color variations.

Protect from rain for at least 24 hours.

Do not apply directly to exterior gypsum sheathing.

MIXING

Finestone Pebbletex Finishes come premixed from the factory. At the time of use, stir the finish thoroughly to redistribute the aggregate, which tends to settle during shipping and storage.

For best results, stir at 400-500 rpm, using a heavy duty 13 mm (1⁄2") drill with a jiffler-type paddle (Goldblatt Jiffler Mixer No. 15311 H7 or similar).

Do not overstir. Excessive stirring may entrap too much air.

Finestone Pebbletex Finishes do not require thinning. To adjust workability, small amounts of clean, potable water, up to a maximum of 0.72 L (24 oz.) per 19-L (5-gal.) pail of finish, may be added. To avoid color variation, add the same amount of water to each pail.

Do not add accelerators, retarders or admixtures to Finestone Pebbletex Finishes.

Customer-selected Finestone Protective Enhancements of Maximum A/S (silicone-enhancement) and X-L (added mildew resistance) are premixed at the factory.

APPLICATION

Surface Preparation

Substrates must be sound and free of paint, dirt, grease, oil, efflorescence, form release agents and curing compound.

Substrates must be free of surface irregularities and level within 6.4 mm in 3 m (1⁄4" in 10'). As necessary, repair cracks, popouts or voids and level unit masonry using a compatible product, such as Finestone Finebuild, and let repair material dry thoroughly before installing Finestone Pebbletex Finishes.

To stabilize substrate porosity, particularly of stucco brown coat, concrete, or masonry substrates, using a primer such as Fineprime or Finestone Sanded Primer, is recommended.

Equipment

Use a stainless steel plastering trowel.

Finestone Pebbletex Finishes may also be spray applied.

Application Procedures

Trowel the Finestone Pebbletex Finish over the prepared base coat or substrate at a thickness of approximately 1.6 mm (1⁄16"). Spread uniformly, then scrape down to a thickness equal to the size of the largest aggregate. Immediately float the finish to achieve the final texture.

Important: Always maintain a wet edge. Apply only what can be floated before the finish begins to form a surface film. To avoid unsightly color variations or cold joints, apply finish continually up to corners, joints or other natural breaks, and do not allow finish to stop or set up within an unbroken wall surface.

Protect from rain and from temperatures less than 4° C (40° F) for 24 hours.

CLEAN UP

Remove wet material from tools or other surfaces with soap and water. Dry material must be mechanically removed.

Technical Support

For further details, specifications, questions, specific recommendations, or the most recent product information, please consult BASF Wall Systems Technical Services: Toll-free 800-221-9255 or our website, www.finestone.basf.com.

HEALTH AND SAFETY

Caution

May be harmful if vapors or mist are inhaled, if absorbed through skin, or if swallowed. May cause eye, skin and respiratory tract irritation. Swallowing this product can cause kidney damage.

Precautions

Avoid getting in eyes, on skin, or on clothing. Avoid breathing vapors or mist. Wear safety glasses or goggles, impervious gloves, and clothing with long sleeves and pants. If TLV or PEL can be exceeded, wear respirator selected by a technically qualified person. Wash thoroughly after handling. Wash contaminated clothing before reuse.

Spills

Wipe up small spills with rags. Absorb larger spills with sand, vermiculite, or kitty litter; sweep up and place in a suitable container for disposal.

First Aid

Eyes: For eye contact, rinse eyes with water. Remove any contact lenses, and continue flushing with plenty of water for several minutes. Seek medical attention if irritation develops and persists.

Skin: For skin contact, wash affected areas with plenty of water, and soap if available, for several minutes. Seek medical attention if irritation develops and persists.

Internal: If inhaled, remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.

If swallowed, give 3-4 glasses of water, but do not induce vomiting unless directed to do so by a physician. Do not give anything by mouth to an unconscious or convulsing person. Get medical attention.

Read Material Safety Data Sheet before using this product.

For medical emergencies only call CHEMTREC at (800) 424-9300.

Note
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Residential Policy
On one and two-family residential framed construction, BASF Wall Systems requires that the wall system selected be one that includes provisions for moisture drainage. The choices include Pebbletex D line of drainage EIFS, FINESTONE Stucco Systems and Finescreen Cement Board Stucco Systems. There are no exceptions to this policy. Under no circumstances will BASF Wall Systems warrant the use of any other system on this type of construction without expressed written authorization from BASF Wall Systems [Residential construction using EIFS on masonry (CMU) or poured concrete does not require the additional water management provisions described above.] See the FINESTONE Residential Policy Bulletin for a more detailed discussion of this topic. Consult BASF Wall Systems Technical Services Department for specific recommendations concerning all other applications. Consult the FINESTONE website, www.finestone.basf,com for additional information about products and systems and for updated literature.

Disclaimer
This information and all further technical advice are based on BASF Wall Systems' present knowledge and experience. However, BASF assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights. In particular, BASF Wall Systems disclaims any and all CONDITIONS AND WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. BASF WALL SYSTEMS SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. BASF Wall Systems reserves the right to make any changes according to technological progress or further developments. It is the customer's responsibility and obligation to carefully inspect and test any incoming goods. Performance of the product(s) described herein should be verified by testing and carried out only by qualified experts. It is the sole responsibility of the customer to carry out and arrange for any such testing. Reference to trade names used by other companies is neither a recommendation, nor an endorsement of any product and does not imply that similar products could not be used.

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FINESTONE®

PRODUCT BULLETIN
1017843

ADHESIVE / BASE COAT

PACKAGING
19L (5 gal) pail

APPROXIMATE COVERAGE RATES
As an adhesive only: 15 m^2 (160 ft^2) per pail using a notched trowel

As a base coat only: 26 m^2 (280 ft^2) per pail with standard mesh

As adhesive & base coat: 11 m^2 (120 ft^2) per pail

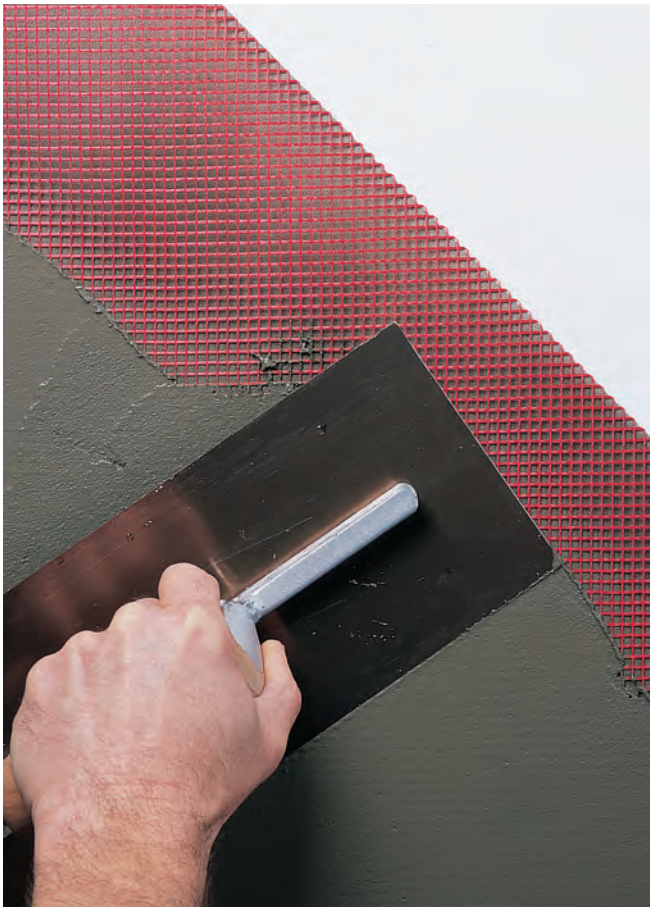
WORKING TIME
Approximately 1 hour after mixing, depending on ambient temperature and humidity.

CURING TIME
As an adhesive: Cure for a minimum of 24 hours after using to adhere insulation board before applying base coat or performing further work over the newly installed insulation board.

As a base coat: Protect from rain and temperatures of less than 4° C (40° F) for a minimum of 24 hours. Higher humidity and/or cooler temperatures may require longer protection. Allow to cure 24 hours prior to finish application.

STORAGE
Store in original containers at temperatures not less than 4° C (40° F) or greater than 43° C (110° F). Store out of direct sunlight and protect from weather. Do not stack pallets.

SHELF LIFE
Approximately 2 years, properly stored in original containers.



FINESTONE ADHESIVE/BASE COAT (A/BC) *is a 100% acrylic polymer that is field mixed with Type I or I-II Portland cement to produce a flexible, cementitious adhesive and base coat for Finestone Class PB EIFS and Finescreen Cement Board Stucco (CBS) and Finestone Surfacing Systems. Used to adhere EPS insulation board and embed reinforcing mesh, A/BC's creamy consistency facilitates smooth, efficient troweling.*

BASF
The Chemical Company

FINESTONE ADHESIVE / BASE COAT (A/BC)

FEATURES	ADVANTAGES
• Smooth, creamy consistency	Easy to trowel on to achieve quality mesh embedment; less drag reduces applicator fatigue
• Familiar 1 to 1 mix ratio	Easy to mix quickly and accurately on job-site
• 100% acrylic polymer formula	Excellent adhesion, durability, flexibility and weather resistance
• Versatile application	Application of up to 3.2 mm (1/8") inch thick in one coat, to accommodate varying weights of reinforcement mesh
• Water-based	Safe for workers and environment; easy clean up

RECOMMENDED USES

As an adhesive in Finestone EIFS
To adhere Finestone EPS Insulation Board to the following exterior wall surfaces
- Gypsum sheathing – ASTM C79
- DensGlass Gold® sheathing - ASTM C1177
- Cement Board – ASTM C1325
- Unpainted brick, concrete, masonry or stucco surfaces
- Diamond mesh metal lath:
  - 3.4 galv. lath over stud and sheathing construction
  - 2.5 galv. lath over concrete and masonry substrates

To laminate EPS to EPS to create projected architectural details.

As a base coat in Finestone EIFS and Finescreen Cement Board Stucco Systems,to embed reinforcing mesh and create the base coat system

To smooth surfaces of concrete or masonry substrates in preparation for installation of Pebbletex EIFS or Pebbletex Finish.

Note: See “Finestone Approved Substrate Selector” for comprehensive recommendations of appropriate substrates.

LIMITATIONS

Do not use on wood or metal surfaces

Before using on painted surfaces, paint must be removed or metal lath installed. Alternatively, approved mechanical fasteners can be used in place of Adhesive/Base Coat.

Install only when temperatures will be at least 4° C (40° F) and higher for at least 24 hours.

Protect from rain for at least 24 hours.

MIXING

At the time of use, mix Adhesive/Base Coat in a 1 to 1 ratio by weight with Type I or Type I-II Portland cement (ASTM C-150). The Portland cement must be fresh and free of lumps.

For best results, mix at 400-500 rpm, using a heavy duty 13 mm (1/2") drill with a jiffler-type paddle (Goldblatt Jiffler Mixer No. 15311 H7 or similar).

Open the pail of A/BC and stir the material until thoroughly blended. Mix 1 part A/BC with 1 part Portland cement in clean, 5 gallon plastic pail. Add Portland cement to A/BC in small increments until thoroughly blended. Let the mixture sit for 5 minutes then stir to a creamy consistency. Small amounts of clean, potable water, up to 0.9 L (30 oz.) per half pail, may be added to achieve the desired workability.

Do not overmix. Excessive stirring will cause faster setting of the Portland cement and significantly reduce working time.

Do not exceed a 1 to 1 ratio of A/BC to Portland cement. Excessive amounts of cement in the mixture will reduce the strength of the product and cause cracking and efflorescence.

Do not add accelerators, retarders or other admixtures to the A/BC mixture.

APPLICATION / AS AN ADHESIVE

Surface Preparation

Substrates must be sound and free of paint, dirt, grease, oil, efflorescence, form release agents and curing compound.

Substrates must be flat within 6.4 mm in 3 m (1/4" in 10 ').

Attach Finestone Detail Mesh at all termination points of the Finestone EIFS to allow for backwrapping (See Finestone *Pebbletex EIFS Guide Specifications* for instructions.)

Equipment

Use a 10 mm (3/8") x 10 mm (3/8") notched trowel where the notches do not exceed 10 mm (3/8") apart or other specified trowel.

Application Procedures

Apply the A/BC mixture directly to the back of the insulation board using the recommended notched trowel. Cover the entire back of the board with full beads of adhesive formed by the notched trowel.

Alternative Method for Brick and Masonry: Apply the mixture directly to the back of the insulation board using the "Ribbon and Dab" method—Apply a 50 mm (2") wide by 10 mm (3/8") high ribbon of A/BC around the perimeter of the insulation board. Then apply 8 dabs of A/BC approximately 102 mm (4") in diameter, 10 mm (3/8") high and 204 mm (8") apart on center within the perimeter ribbon.

Immediately install the prepared insulation board to the wall before the A/BC begins to form a film on its surface. Make sure that the entire surface of the insulation board adheres to the substrate. Abut all edges of the insulation boards tightly together with no adhesive or gaps remaining between them. Small gaps will need to be filled with slivers of insulation board before next step.

Caution: Never apply A/BC directly to the substrate.

Important: Allow adhesive of newly installed insulation board to cure for a minimum of 24 hours before doing any work over the boards.

APPLICATION / AS A BASE COAT

Surface Preparation

The Finestone Insulation Board must be well adhered to the wall. All gaps between the insulation board must be filled with slivers of insulation. Rasp the wall to a flat surface. Install all aesthetic joints and EPS details to the wall.

Equipment

For base coat application, use a stainless steel plastering trowel.

Application Procedures

Apply Adhesive/Base Coat over the face of the insulation board in a thickness adequate to properly embed the Reinforcing Mesh, approximately 1.6 mm (1⁄16") for Standard Mesh and 3.2 mm (1⁄8") for Hi-Impact Mesh. Immediately lay the Reinforcing Mesh into the wet A/BC and smooth the surface until the Reinforcing Mesh is totally embedded. The color of the Mesh must not be visible. (See the Guide Specifications for Finestone Pebbletex EIFS for complete details.)

Allow to cure for at least 24 hours before applying finish. Protect from rain and from temperatures less than 4° C (40° F) for 24 hours.

CLEAN UP

Remove wet material from tools or other surfaces with soap and water. Dry material must be mechanically removed.

Technical Support

For further details, specifications, questions, specific recommendations, or the most recent product information, please consult BASF Wall Systems Technical Services: Toll-free 800-221-9255 or our website, www.finestone.basf.com

HEALTH AND SAFETY

Caution

Contains crystalline silica, Portland cement, calcium carbonate, fly ash, proprietary polymer.

Risk

Product is alkaline on contact with water and may cause injury to skin or eyes. Ingestion or inhalation of dust may cause irritation. Contains crystalline silica. NTP and IARC recognize respirable crystalline silica as a human carcinogen. Repeated or prolonged overexposure to free respirable quartz may cause silicosis or other serious and delayed lung injury.

Precautions

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep container closed when not in use. DO NO take internally. Use only with adequate ventilation. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable Federal, stat and local regulations.

First Aid

1. For eye contact, rinse eyes with water. Remove any contact lenses, and continue flushing with plenty of water for several minutes. Seek medical attention if irritation develops and persists.
2. For skin contact, wash affected areas with plenty of water, and soap if available, for several minutes. Seek medical attention if irritation develops and persists.
3. If inhaled, remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.
4. If swallowed, give 3–4 glasses of water, but do not induce vomiting unless directed to do so by a physician. Do not give anything by mouth to an unconscious or convulsing person. Seek medical attention

Read Material Safety Data Sheet before using this product.

Proposition 65

This product contains materials listed by the state of California as known to cause cancer, birth defects or other reproductive harm.

VOC Content

0 g/l, or 0 lbs/gal less water and exempt solvents.

For medical emergencies only call CHEMTREC at (800) 424-9300.

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Finestone Stucco Resurfacing System

A reinforced acrylic surfacing system designed for the renovation of stucco buildings

INTRODUCTION

This specification refers to application of the Finestone Stucco Resurfacing System over stucco or masonry walls in both residential and commercial buildings. This specification has been assembled to enable the design professional to select or delete sections to suit the project requirements and is intended to be used in conjunction with Finestone® typical details, product bulletins, technical bulletins, etc.

DESIGN RESPONSIBILITY

It is the responsibility of both the specifier and the purchaser to determine if a product is suitable for its intended use. The designer selected by the purchaser shall be responsible for all decisions pertaining to design, detail, structural capability, attachment details, shop drawings and the like. The Wall Systems business of BASF Corporation (hereinafter referred to as “BASF Wall Systems”) has prepared guidelines in the form of specifications, typical application details, and product bulletins to facilitate the design process only. BASF Wall Systems is not liable for any errors or omissions in design, detail, structural capability, attachment details, shop drawings or the like, whether based upon the information provided by BASF Wall Systems or otherwise, or for any changes which the purchasers, specifiers, designers or their appointed representatives may make to BASF Wall Systems published comments.

TECHNICAL INFORMATION

Consult the BASF Wall Systems Technical Services Department for specific recommendations concerning all other applications. Consult the Finestone website, www.finestone.basf.com, for additional information about products and systems and for updated literature.

PART 1 - GENERAL

1.01 SECTION INCLUDES

- **A.** Finestone Stucco Resurfacing System: A finish system typically consisting of Base Coat, Reinforcing Mesh and Finish Coat.
- **B.** Schedule of Finestone Finish Coat.

1.02 RELATED SECTIONS

- **A.** Section 03 00 00 Concrete substrate
- **B.** Section 05 40 00 Cold-formed metal framing: Light gauge load-bearing metal framing
- **C.** Section 06 05 00 Plywood
- **D.** Section 06 11 00 Wood framing
- **E.** Section 07 26 00 Building Paper
- **F.** Section 07 90 00 Sealants
- **G.** Section 08 05 00 Doors & Windows
- **H.** Section 09 10 00 Metal Support Systems
- **I.** Section 09 20 00 Exterior Gypsum Substrates
- **J.** Section 09 20 60 Metal Lath
- **K.** Section 09 22 00 Portland cement Plaster & Stucco

1.03 SUBMITTALS

Submit completed Project Remediation Recommendations, system guide on Finestone Stucco Resurfacing System components, product bulletins with installation requirements for each component of the wall system and system manufacturer's certificate of approval of applicator.

B. Samples:

1. Submit an 18.8 cm x 18.8 cm (7" x 7") sample for each finish color and texture specified.
2. Each sample shall be prepared using the same tools and techniques as required for the actual application.
3. An approved sample shall be available and maintained at the job site.

C. Shop drawings:
1. The applicator shall prepare and submit schedules and complete shop drawings to the Architect for approval.
2. The drawings shall show all details, sizes, types, finishes, anchorage and sealant joints and other items as required or specified so that a proper evaluation can be made of the proposed materials and construction.

1.04 QUALITY ASSURANCE MEASURES

A. Manufacturer: More than 10 years in the architectural coatings industry, with more than 1000 completed architectural coatings projects.
B. Applicator: Approved by BASF Wall Systems in performing work of this Section.
C. Regulatory Requirements: Conform to applicable code requirements for finish system.
D. Field Samples
1. Construct one field sample panel for each color and texture, illustrating method of attachment, surface finish, color and texture, prepared using the same tools and techniques to be used for the actual application.
2. Locate sample panel where directed.

1.05 DELIVERY, STORAGE, HANDLING AND SITE CONDITIONS

Comply with manufacturer's recommendations regarding environmental conditions for its materials.

1.06 WARRANTY

A. Provide Finestone one year coatings warranty for Finestone Surfacing System installations under provisions of Section [01700] [01740] [ ].
B. Comply with Finestone project review requirements and notification procedures to assure qualification for warranty.

1.07 DELIVERY, STORAGE AND HANDLING

A. Deliver to the job site all materials in unopened, undamaged containers, clearly marked and identified with the system manufacturer's name and description of contents.
B. Store materials inside, or under cover and off the ground and keep them dry, protected from the weather, direct sunlight, surface contamination, damaging temperatures, damage from construction traffic and other causes.
D. Store pail materials in temperatures not less than 4°C (104°F) or more than 43°C (110°F).

1.08 PROJECT/SITE CONDITIONS

A. Existing Conditions
The contractor shall refer to Section 01010 for project requirements and this contractor's responsibility there under.
B. Environmental Requirements
The contractor under this section shall verify site conditions to assure that the requirements of storage of materials and installation procedures conform to the system manufacturer's current product storage and application requirements as applicable to warranty conditions.
C. Protection of Work
1. Protect surrounding areas and surfaces during the application of the system.
2. The system shall be protected when work ceases for the day or when an area is completed so that water will not infiltrate behind the system or damage system materials.

1.09 SEQUENCING AND SCHEDULING

A. Coordinate and schedule installation of Stucco Resurfacing System with related work of other sections.

B. Coordinate and schedule installation of trim, flashing, and joint sealers to prevent water infiltration behind the system.
C. Coordinate and schedule installation of windows, doors, A/C units, air seals etc.

PART 2 - PRODUCTS
2.01 MANUFACTURERS
Finestone Stucco Resurfacing System manufactured by BASF Wall Systems.
2.02 MATERIALS
A. Finestone Base Coats
1. [ADHESIVE/BASE COAT: 100% acrylic base coat, field-mixed with Portland cement; manufactured by BASF Wall Systems.]
2. [A/BC 1-STEP: dry-mix base coat containing Portland cement; manufactured by BASF Wall Systems.]
3. [FINEGUARD: 100% acrylic, water-resistant base coat, field-mixed with Portland cement; manufactured by BASF Wall Systems, Inc.]
B. Portland cement: conform to ASTM C150, Type I, II, or I/II, grey or white; fresh and free of lumps.
C. Water: clean and potable without foreign matter.
D. Finestone Reinforcing Mesh to achieve the desired impact resistance.
E. [FINEPRIME/STUCCOPRIME: 100% acrylic-based primer, available in a variety of colors to closely match any standard or custom Finestone Finish color.]
F. [PEBBLETEX] Finish, 100% acrylic polymer based finish; air cured, compatible with Base Coat; Finish color; color [ ] as selected; Finish texture [NATURAL SWIRL] [FINETEX] [MOJAVE] [CLS 1.5][LIMESTONE] [BOREALIS] [AURORA TC-100] [AURORA STONE] [METALLIC] [ALUMINA].
- OR –
[AGGRELASTIC] Finish, 100% acrylic polymer based, elastomeric finish; air cured, compatible with Base Coat, color [ ] selected; Finish texture [NATURAL SWIRL] [FINETEX] [MOJAVE] [CLS 1.5] [LIMESTONE] as scheduled; as manufactured by BASF Wall Systems.]
[G.BASF Wall System's ANTICOGLAZE™: 100% acrylic-based stain or glaze which produces beautiful aesthetics with varied degrees of mottling, coloration and glaze, based upon the combination of application technique, the color of the ANTICOGLAZE™ itself and the color of the finish it is applied to; distributor tinted color [ ]].
2.03 ACCESSORIES
Special Shapes
Used to enhance design aesthetics such as moldings, cornices, quoins, ogees, etc. Nominal 1.0 lbs/cu ft density expanded polystyrene.
Select Finish Coat color with a light reflective value (LRV) of 20% or higher. The use of dark colors (LRV less than 20%) is not recommended with Finestone Stucco Resurfacing Systems that incorporate expanded polystyrene (EPS) shapes. EPS has a sustained service temperature limitation of approximately 160°F (71°C).

PART 3 - EXECUTION
3.01 EXAMINATION
A. Verify project site conditions under provisions of Finestone Project Remediation Recommendations form
B. Examine surfaces to receive Finestone Stucco Resurfacing System and verify that substrate and adjacent materials are dry, clean, cured, sound and free of releasing agents, paint, or other residue or coatings. Verify substrate surface is flat, free of fins.
D. Control/Expansion joint type and placement shall be the responsibility of the architect/engineer and substrate manufacturer.
E. Unsatisfactory conditions shall be reported to the general contractor and corrected before application of the Finestone Stucco Resurfacing System.

3.02 PREPARATION

A. Prepare all wall surfaces as per recommendations noted in completed Finestone Project Remediation Recommendations form.

B. All surfaces to receive Finestone Resurfacing System components must be clean, dry and free of airborne contaminants.

C. Protect all surrounding areas and surfaces from damage and staining during application of Finestone Stucco Resurfacing System.

D. Protect finished work at end of each day to prevent water penetration.

3.03 MIXING

General: No additives are permitted unless specified in product mixing instructions. Close containers when not in use. Prepare in a container that is clean and free of foreign substances. Do not use a container which has contained or been cleaned with a petroleum-based product. Clean tools with soap and water immediately after use.

3.04 APPLICATION

General: Apply Finestone Stucco Resurfacing System materials in accordance with Specifications.

[**A.** Apply Finestone Base Coat over entire wall surface to a nominal 3/32" (wet) thickness.]

[**A.** Finestone Base Coat/Reinforcing Mesh shall be applied so as to achieve Reinforcing Mesh embedment with no Reinforcing Mesh color visible. Double layers of mesh must be applied at all inside and outside corners. Overlap edges of Reinforcing Mesh a minimum of 2.5 inches.]

[**B.** Apply Finestone [FINEPRIME] [STUCCOPRIME] to the dry Base Coat/Reinforcing Mesh].

C. Apply Finestone Finish Coat to match the specified Finish type, texture and color after Primer and/or Base Coat are dry.

3.05 CLEANING

Clean adjacent surfaces and remove excess material, droppings, and debris.

3.06 PROTECTION

Protect finished work.

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