LaHabra Surfacing System for Concrete and Masonry Units Section – 07 24 23 or 09 25 13 / 09 77 00

Weather resistant surfacing system using a base coat, optional reinforcing mesh and 100% acrylic polymer exterior finish.

INTRODUCTION

This specification refers to application of the LaHabra Surfacing System over concrete, brick and concrete masonry units (CMU) walls.

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 LaHabra® brand of Sika Corporation US (herein referred to as "Sika") has prepared guidelines in the form of specifications, typical application details, and product bulletins to facilitate the design process only. Sika 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 Sika or otherwise, or for any changes which the purchasers, specifiers, designers or their appointed representatives may make to Sika published comments.

DESIGNING AND DETAILING A LAHABRA SURFACING SYSTEM

General: The system shall be installed in strict accordance with current recommended published details and product specifications from the system's manufacturer.

A. Substrate Systems:

1. Acceptable substrates are Concrete Masonry Units (excluding fluted block; split faced block should be assessed on project by project basis) brick and concrete walls.
2. Painted and otherwise coated surfaces should be inspected and prepared as approved by Sika before application. The applicator shall verify that the proposed substrate is acceptable prior to the LaHabra Surfacing System installation.

B. System Joints

1. It is the sole responsibility of the project design team, including the architect, engineer, etc., to ultimately determine specific expansion joint placement, width and design. Detail specific locations in construction drawings.
2. Sealant joints are required at all penetrations through the LaHabra Surfacing System.
3. For a list of acceptable sealants refer to *Acceptable Sealants for use with LaHabra Wall Systems* technical bulletin.

C. Grade Condition: The LaHabra Surfacing System is not intended for use below grade or on surfaces subject to continuous or intermittent immersion in water or hydrostatic pressure.

TECHNICAL INFORMATION

Consult Sika Facades' Technical Services Department for specific recommendations concerning all other applications. Consult the LaHabra website, usa.sika.com/lahabra, for additional information about products, systems and for updated literature.

PART 1 GENERAL

NOTE TO SPECIFIER: Items in blue/underlined indicate a system option or choice of options. Throughout the specification, delete those which are not required or utilized.

1.01 SECTION INCLUDES

LaHabra Surfacing System for Concrete and Masonry Units

A. LaHabra products are listed in this specification to establish a standard of quality. Any substitutions to this specification shall be submitted to and receive approval from the Architect at least 10 days before bidding. Proof of equality shall be borne by the submitter.
B. LaHabra Surfacing System: A surfacing system typically consisting of LaHabra base coat, LaHabra reinforcing mesh (optional) and LaHabra finish coat.

1.02 RELATED SECTIONS

A. Products installed, but not supplied under this section: substrate, flashing and sealant.

1.03 SUBMITTALS

A. Submit under provisions of Section [01 33 00] [x].
B. Product Data: Provide data on LaHabra Surfacing System materials, product characteristics, performance criteria, limitations and durability.
C. Samples: Submit [two] [x] [millimeter] [inch] size samples of LaHabra Surfacing System illustrating finish coat [custom] color and texture range.
D. Certificate: System manufacturer's approval of applicator.
E. Sealant: Sealant manufacturer's certificate of compliance with ASTM C1382.
F. System manufacturer's current specifications, typical details, system overview and related product literature which indicate preparation required, storage, installation techniques, jointing requirements and finishing techniques.

1.04 QUALITY ASSURANCE

A. Manufacturer: More than 10 years in the industry, with more than 1000 completed projects.
B. Applicator: Approved by Sika in performing work of this section.
C. Regulatory Requirements: Conform to applicable code requirements resurfacing system.
D. Field Samples:
1. Provide under provisions of Section [01 43 36] [01 43 39].
2. Construct one field sample panel for each color and texture, [x] [meters] [feet] in size of system materials illustrating method of attachment, surface finish, color and texture.
3. Prepare each sample panel using the same tools and techniques to be used for the actual application.
4. Locate sample panel where directed.
5. Accepted sample panel [may] [may not] remain as part of the work.
6. Field samples shall be comprised of all wall assembly components including substrate, insulation board, base coat, reinforcing mesh, primer (if specified), finish coat, and typical sealant/flashing conditions.

E. Testing:
1. Surfacing System with Pebbletex Finish

TEST	METHOD	CRITERIA	RESULTS
Surface Burning	ASTM E84 / UL 723	Flame spread < 25 Smoke developed < 450	All components of the system meet Class A performance (FS < 25; SD < 450)
Water resistance of Coatings in 100% R.H.	ASTM D2247	No deleterious effects after 14 days	Pass
Freeze/Thaw Resistance	ASTM E2485	No deleterious effects at 10 cycles viewed under 5x magnification	Pass at 60 cycles
Salt Fog Resistance	ASTM B117	No change after 300 hours	Pass
Mildew Resistance	Mil. Std. 810B Method 508	No fungus growth after 28 days	Pass
Abrasion Resistance	ASTM D968	Finish Coat not worn through after 500 liters of falling sand	Pass after 686 liters of sand
Accelerated Weathering	ASTM G53	No deleterious effects after 7500 hours	Pass
Accelerated Weathering	ASTM G23	No deleterious effects after 2000 hours	Pass
Tensile Bond	ASTM C297, E2134	Greater than 15 psi	Pass
Alkali Resistance of Reinforcing Mesh	ASTM E2098	Greater than 120 pli retained strength after exposure	All weights of meshes pass

LaHabra Surfacing System for Concrete and Masonry Units

2. Surfacing System with Pebbletex Tersus Finish

TEST	METHOD	CRITERIA	RESULTS
Surface Burning	ASTM E84 / UL 723	Flame spread < 25 Smoke developed < 450	All components of the system meet Class A performance (FS < 25; SD < 450)
Water resistance of Coatings in 100% R.H.	ASTM D2247	No deleterious effects after 14 days	Pass
Freeze/Thaw Resistance	ASTM E2485	No deleterious effects at 10 cycles viewed under 5x magnification	Pass at 60 cycles
Salt Fog Resistance	ASTM B117	No change after 300 hours	Pass
Mildew Resistance	Mil. Std. 810B Method 508	No fungus growth after 28 days	Pass
Abrasion Resistance	ASTM D968	Finish Coat not worn through after 500 liters of falling sand	Pass
Accelerated Weathering	ASTM G53	No deleterious effects after 7500 hours	Pass
Accelerated Weathering	ASTM G23	No deleterious effects after 2000 hours	Pass
Dirt Collection	ASTM D3719	61 days at 45° South exposure Dc Index = 99.0 (100 = Best Performance)	Pass
Dirt Pickup Resistance	Miami Dade County TAS 143-95 section 7.8 (modified)	Greater than 90% reflectance retained after dirt pickup	Pass
Tensile Bond	ASTM C297, E2134	Greater than 15 psi	Pass
Alkali Resistance of Reinforcing Mesh	ASTM E2098	Greater than 120 pli retained strength after exposure	All weights of meshes pass

3. General Air/Water-Resistive Barrier Minimum Performance:

TEST	METHOD	CRITERIA	RESULTS
Water-resistive barrier coatings used under EIFS	ASTM E2570		Meets all performance requirements
Air Leakage of Air Barrier Assemblies	ASTM E2357	0.2 l/(s.m^2) @75 Pa (0.04 cfm/ft^2 @ 1.57 psf)	0.0007 l/s.m^2 (0.0001 cfm/ft^2) @ 75 Pa (1.57 psf) positive / post conditioning 0.0014 l/s.m^2 (0.0003 cfm/ft^2) @ 75 Pa (1.57 psf) negative / post conditioning
Air Permeance of Building Materials	ASTM E2178	0.02 l/(s.m^2) @75 Pa (0.004 cfm/ft^2 @ 1.57 psf)	0.0049 l/s.m^2 @ 75 Pa (0.00098 cfm/ft^2 @ 1.57 psf)
Rate of Air Leakage	ASTM E283		0.0185 l/s·m^2 @ 75 Pa (0.0037 cfm/ft^2 @ 1.57 psf)
Water Vapor Transmission	ASTM E96	Report value	Finestop RA - 18 Perms (grains/Hr. in Hg. ft^2) @ 10 mils wet film thickness Finestop RS 18 Perms (grains/Hr. in Hg. ft2) @ 12 mils wet film thickness Finestop RA/RS - 14 Perms (grains/Hr. in Hg. ft^2) @ 20 mils wet film thickness Finestop VB - 0.09 Perms (grains/Hr. in Hg. ft^2) @ 26 mils wet film thickness
Pull-Off Strength of Coatings	ASTM D4541	Min. 110 kPa (15.9 psi) or substrate failure	Pass - Tested over exterior gypsum sheathing, ASTM C1177 glass-mat sheathing, cement board, OSB, plywood; PVC and galvanized flashing
Nail Sealability (without Sheathing Fabric)	ASTM D1970	No water penetration at galvanized roofing nail penetration under 127 mm (5") head of water after 3 days at 4° C (40° F)	Pass
Surface Burning	ASTM E84	Flame Spread < 25 Smoke Development < 450	Meets Class A: Flame spread =15 Smoke developed = 95

4. Air/Water-Resistive Barrier ICC-ES AC-212:

TEST	METHOD	CRITERIA	RESULTS
Sequential Testing: 1. Structural 2. Racking 3. Restrained Environmental Conditioning 4. Water Penetration	1. ASTM E 1233 Procedure A 2. ASTM E 72 3. ICC-ES AC-212 4. ASTM E 331	No cracking at joints or interface of flashing No water penetration after 15 min @ 137 Pa (2.86 psf)	Pass - Tested over OSB and gypsum sheathing No water penetration after 90 min @ 299 Pa (6.24 psf)
Sequential Testing: 1. UV Light Exposure 2. Accelerated Aging 3. Hydrostatic Pressure Test	1. ICC-ES AC-212 2. ICC-ES AC-212 3. AATCC 127-1985	No cracking or bond failure to substrate No water penetration after 21.7 in (550 mm) water for 5 hours	Pass
Freeze-Thaw	ASTM E 2485 (Method B)	No sign of deleterious effects after 10 cycles	Pass - Tested over exterior gypsum sheathing, ASTM C1177 glass-mat sheathing, cement board, OSB, plywood
Water Resistance	ASTM D2247	No deleterious effects after 14 day exposure	Pass - Tested over exterior gypsum sheathing, ASTM C1177 glass-mat sheathing, cement board, OSB, plywood
Tensile Bond	ASTM C 297	Minimum 103 kPa (15 psi)	Pass - Tested over exterior gypsum sheathing, ASTM C1177 glass-mat sheathing, cement board, OSB, plywood, CMU; PVC and galvanized flashing
Tensile Bond (after freeze-thaw)	ASTM C 297	Minimum 103 kPa (15 psi) avg; no failure after 10 cycles freeze-thaw	Pass

5. Air/Water-Resistance Barrier ICC-ES AC 148:

TEST	METHOD	CRITERIA	RESULTS
Sequential Testing: 1. UV Light Exposure 2. Accelerated Aging 3. Hydrostatic Pressure Test	1. ICC-ES AC 148 2. ICC-ES AC 148 3. AATCC 127-1985	No cracking or bond failure to substrate No water penetration after 21.7 in (550 mm) water for 5 hours	Pass
Peel Adhesion	ASTM D 3330 Method F	After UV Exposure After Accelerated Aging After Elevated Temperature Exposure After Water Immersion	Pass - tested over ASTM C1177 glass-mat sheathing, OSB, plywood, PVC and uncoated aluminum
Nail Sealability after Thermal Cycling	ASTM D 1970 (Modified), AAMA 711	No water penetration at galvanized roofing nail penetration under 31 mm (1.2”) head of water after 24 hours at 4° C (40° F)	Pass
Tensile Strength after UV Exposure	ASTM D 5034, AAMA 711	Minimum 0.5 N/mm (2.9 lbs./in)	Pass
Cold Temperature Pliability	ASTM D 1970, AAMA 711	No cracking after bending around a 25 mm (1”) mandrel after 2-hour exposure to -18° C (0° F)	Pass
Resistance to Peeling	AAMA 711	No signs of distress or failure after 24 hours of exposure at room temperature, 50° C (122° F), 65° C (149° F), 80° C (176° F)	Pass

1.05 DELIVERY, STORAGE AND HANDLING

A. Deliver, store and handle products under provisions of Section [01 65 00] [01 66 00] [ ].
B. Deliver Sika materials in original unopened packages with manufacturer’s labels intact.
C. Protect Sika materials during transportation and installation to avoid physical damage.
D. Store Sika materials in a cool, dry place protected from freezing. Store at no less than 40°F/4°C (50°F/10°C GRANITE & STONE finish).
E. Store MAXFLASH at a minimum of 40°F. In cold weather, keep containers at room temperature for at least 24 hours before using.
F. Store reinforcing mesh, Sheathing Fabric and SikaWall Flash Seal NP flexible flashing in a cool, dry place protected from exposure to moisture.

1.06 PROJECT/SITE CONDITIONS

A. Do not apply Sika material in ambient temperatures below 40°F/4°C (50°F/10°C for GRANITE & STONE Finish). Provide properly vented, supplementary heat during installation and drying period when temperatures less than 40°F/4°C (50°F/10°C for GRANITE & STONE Finish) prevail. Do not apply in ambient temperature above 100°F (38°C) or surface temperature above 120°F (49°C).
B. Do not apply materials to frozen surfaces.
C. Maintain ambient temperature at or above 40°F/4°C (50°F/10°C for GRANITE & STONE Finish) during and at least 24 hours after material installation and until dry.
D. Under average conditions [70 °F (21 °C), 50% Relative Humidity] finish will be dry within 24 hours. Drying time is dependent on humidity, air temperature, sun exposure, surface conditions and finish thickness. Lower temperature, higher humidity and application in shaded areas will extend drying time. Protect finish from rain or other precipitation and temperatures less than 40°F (4°C) for a minimum of 24 hours or until dry.

1.07 SEQUENCING AND SCHEDULING

A. Coordinate and schedule installation of LaHabra Surfacing System with related work of other sections.
B. Coordinate and schedule installation of trim, flashing, and joint sealers to prevent water infiltration behind the existing system.
C. Coordinate and schedule installation of windows, doors, A/C units, air seals etc. if being removed and replaced.

1.08 WARRANTY

A. Provide Sika standard warranty for LaHabra Surfacing System installations under provisions of Section [01 07 00].
B. Comply with LaHabra application instructions and notification procedures to assure qualification for warranty.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

A. LaHabra Surfacing System manufactured by Sika Corporation US.

2.02 MATERIALS

(NOTE TO SPECIFIER: Items in blue/underlined indicate a system option or choice of options. Throughout the specification, delete those which are not required or utilized. Contact Sika Facades' Technical Service Department for further assistance.)

A. Air/Water-Resistive Barrier Components:
1. Air/Water-Resistive Barrier: ***(Optional a, b or c)***
   a. FINESTOP RA: A one-component fluid-applied vapor permeable air/water-resistive barrier.
   b. FINESTOP RS: A one-component fluid-applied vapor permeable air/water-resistive barrier for use with airless spray equipment.
   c. FINESTOP VB: A one-component fluid-applied vapor impermeable air/water-resistive barrier.
2. SIKAWALL FLASH SEAL NP Transitional Membrane / Expansion Joint Flashing: A 32-mil thick self-adhering and self-sealing composite membrane of polyester fabric and butyl adhesive. Compatible with LaHabra liquid air/weather-resistive barriers.

B. SIKAWALL SURFACE STABILIZER WB Adhesion Promoter: (For painted, glazed or chalky surfaces) To prepare glazed or chalky, previously painted masonry surfaces that will receive a LaHabra Surfacing System.

C. Base Coats: *(Required, Select One or More)*
1. A/BC Base Coat: A 100% acrylic base coat, field-mixed with Portland cement. It has a creamy texture that is easily spread.
2. A/BC 1-STEP Base Coat: A dry-mix polymer adhesive and base coat containing Portland cement and requiring only water for mixing.
3. FINESGUARD Base Coat: A 100% acrylic-based, water-resistant base coat, field-mixed with Portland cement.
4. FINEBUILD Base Coat: A 100% acrylic, fiber-reinforced base coat, adhesive and leveler that is field-mixed with Portland cement.

NOTE TO SPECIFIER: Portland cement is not used with A/BC 1-STEP Base Coats.

D. **Portland cement:** Conform to ASTM C150, Type I, IL (ASTM C595), II, or I/II, grey or white; fresh and free of lumps.
E. **Water:** Clean and potable without foreign matter.
F. **LAHABRA STANDARD MESH 4 Reinforcing Mesh: (Required if patches or cracks are present)** A 4 oz balanced, open-weave glass, fiber reinforcing mesh, twisted multi-end strands treated for compatibility with LaHabra base coats
G. **SIKAWALL TINTED PRIMER (Optional):** A 100% acrylic-based primer that helps alleviate shadowing and enhances the performance of LaHabra wall systems. Color to closely match the selected LaHabra finish coat.
H. **Finish Coat:** ***(Required, Select One or More Finishes and Textures)***
   1. PEBBLETEX Finish: 100% acrylic polymer finishes with advanced technology to improve long-term performance and dirt pick-up resistance; air cured, compatible with base coat; LaHabra finish color [ ] as selected; finish texture:
      a. NATURAL SWIRL: Has a medium “worm-holed” appearance which is achieved by the random aggregate sizes in the finish. The “worm-holed” look can be circular, random, vertical or horizontal.
      b. LIMESTONE: Utilizes uniformly sized aggregates for a uniform, fine texture.
      c. FINETEX: Can achieve a wide variety of free-formed, textured appearances, including stipple and skip-trowel.
      d. MOJAVE: Provides a uniform, “pebble” appearance.
   2. PEBBLETEX TERSUS Finish: Modified acrylic-based finish with water repellent properties, compatible with base coat; LaHabra Finish color [ ] as selected; finish texture:
      a. NATURAL SWIRL: Has a medium “worm-holed” appearance which is achieved by the random aggregate sizes in the finish. The “worm-holed” look can be circular, random, vertical or horizontal.
      b. LIMESTONE: Utilizes uniformly sized aggregates for a uniform, fine texture.
      c. FINETEX: Can achieve a wide variety of free-formed, textured appearances, including stipple and skip-trowel.
      d. MOJAVE: Provides a uniform, “pebble” appearance.
   3. SikaWall Specialty Finishes: 100% acrylic polymer finishes that can be hand-troweled to simulate stone or create a time-honored, mottled tone-on-tone look that achieves a soft and weathered patina over time.
      a. SIKAWALL ENCAUSTO VERONA: Utilizes uniformly sized aggregate to achieve a free-formed, flat texture. It can be used to achieve a mottled look and unlimited tone on tone designs by combining multiple colors.
      b. SIKAWALL METALLIC: Has a pearlescent appearance. It utilizes uniformly sized aggregates for a uniform fine texture.
      c. SIKAWALL GRANITE & STONE: Is a factory-mixed, reflective stone finish consisting of colored aggregate and large black mica flakes in a 100% acrylic transparent binder that provides a classic granite or marble-like textured finished appearance.
   4. SIKAWALL CHROMA Finish: 100% acrylic polymer-based finish with integrated high performance colorants for superior fade resistance, compatible with base coat; LaHabra finish color [ ] as selected; finish texture:
      a. F1.0: Utilizes uniformly sized aggregates for a uniformly fine texture.
      b. M1.5: Provides a uniform “pebble” appearance.
      c. R1.5: Has a medium “worm-holed” appearance which is achieved by the random aggregate sizes in the finish. The “worm-holed” look can be circular, random, vertical or horizontal.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine surfaces to receive LaHabra Surfacing 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 or planar irregularities greater than 1/4" in 10' (6.4 mm in 3 m).

B. Ensure adhesion tests meet the requirements listed in the *Basics of Conducting Adhesion Testing LaHabra* technical bulletin.
C. Fill large voids and irregularities with appropriate parging or cement mortar materials. LaHabra FINEBUILD base coat can be applied at a maximum thickness of 1/4" (6.4 mm) to fill small voids and help level the surface. Other LaHabra base coats can be applied at a maximum thickness of 1/8" (3.2 mm), to fill small voids and help level the surface.
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 LaHabra Surfacing System.

3.02 PREPARATION
A. All surfaces to receive LaHabra Surfacing System components must be clean, dry and free of airborne contaminants.
B. Protect all surrounding areas and surfaces from damage and staining during application of LaHabra Surfacing System.
C. 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.
NOTE TO SPECIFIER: Keep only the products in this section which were selected in Section 2.02. Delete those not to be utilized.
A. Air/Water-Resistive Barriers: FINESTOP RA/RS/VB: Mix with a clean, rust-free paddle and drill until thoroughly blended. Do not add water.
B. SURFACE STABILIZER WB: Mix the contents of the pail with a low speed drill and clean paddle mixer until thoroughly blended.
C. Base Coat:
1. A/BC Base Coat: Mix base coat with a clean, rust-free paddle and drill until thoroughly blended, before adding Portland cement. Mix one-part (by weight) Portland cement with one-part base coat. Add Portland cement in small increments, mixing until thoroughly blended after each additional increment. Clean, potable water may be added to adjust workability.
2. FINEGUARD Base Coat: Mix base coat with a clean, rust-free paddle and drill until thoroughly blended, before adding Portland cement. Mix one-part (by weight) Portland cement with one-part base coat. Add Portland cement in small increments, mixing until thoroughly blended after each additional increment. Clean, potable water may be added to adjust workability.
3. FINEBUILD Base Coat: Mix base coat with a clean, rust-free paddle and drill until thoroughly blended, before adding Portland cement. Mix one-part (by weight) Portland cement with one-part base coat. Add Portland cement in small increments, mixing until thoroughly blended after each additional increment. Clean, potable water may be added to adjust workability.
4. A/BC 1-STEP Base Coat: Mix and prepare each bag in a 5-gallon (19-liter) pail. Fill the container with approximately 1.5-gallons (5.6-liters) of clean, potable water. Add Base Coat in small increments, mixing after each additional increment. Mix base coat and water with a clean, rust-free paddle and drill until thoroughly blended. Additional A/BC 1-STEP or water may be added to adjust workability.

D. SIKAWALL TINTED PRIMER: Mix the factory-prepared material with a clean, rust-free paddle and drill until thoroughly blended. A small amount of clean, potable water may be added to adjust workability. Do not overwater.
E. Finish:
1. PEBBLETEX, PEBBLETEX TERSUS, CHROMA, and ENCAUSTO VERONA Finish: Mix the factory-prepared material with a clean, rust-free paddle and drill until thoroughly blended. A small amount of clean, potable water may be added to adjust workability. Do not overwater.
2. SIKAWALL GRANITE & STONE Finish: Gently mix the contents of the pail for 1 minute using a low RPM ½” drill equipped with a mixing paddle such as a Demand Twister or a Wind-Lock B-MEW, B-

M1 or B-M9.

3.04 APPLICATION

NOTE TO SPECIFIER: Keep only the products in this section which were selected in Section 2.02. Delete those not to be utilized.

A. Air/Water-Resistive Barrier: Apply FINESTOP RA/RS/VB per the published application instruction in the technical data sheet.

B. SURFACE STABILIZER WB: Apply evenly and uniformly over the entire wall surface. Surface shall be uniformly coated, free from voids, pinholes or blisters. Apply with a wide nylon bristle brush or 1/2" to 3/8" (6.4 to 9.5 mm) nap roller. Protect from rain and wash-off until the specified system is installed.

C. Base Coat/ Optional Reinforcing Mesh: Base coat shall be applied to achieve reinforcing mesh embedment with no reinforcing mesh color visible.

1. Apply mixed LaHabra Base Coat to entire surface of the substrate with a stainless-steel trowel to provide a smooth level base for finish application.
   Note: Multiple layers of base coat may be required to completely level/cover mortar joints in CMU or brick applications
2. If reinforcing mesh is selected, immediately place STANDARD MESH 4 reinforcing mesh against wet base coat and embed the reinforcing mesh into the base coat by troweling from the center to the edges.
3. Lap reinforcing mesh 2-1/2" (64 mm) minimum at edges.
4. Ensure reinforcing mesh is continuous at corners, void of wrinkles and embedded in base coat so that no reinforcing mesh color is visible.
5. If required, apply a second layer of base coat to achieve total nominal base coat/reinforcing mesh thickness of 1/16" (1.6 mm).
6. Allow base coat with embedded reinforcing mesh to dry hard (normally 8 to 10 hours).

D. SIKAWALL TINTED PRIMER:

1. Apply Primer to the base coat/reinforcing mesh with a sprayer, ⅜" (10 mm) nap roller, or good quality latex paint brush at a rate of approximately 150-250 ft² per gallon (3.6–6.1m² per liter). Primer shall be dry to the touch before proceeding to the LaHabra finish coat application.

E. Finish Coat: PEBBLETEX, PEBBLETEX TERSUS and CHROMA.

1. Apply finish directly to the base coat with a clean, stainless steel trowel.
2. Apply and level finish during the same operation to a minimum obtainable thickness consistent with uniform coverage. Maintain a wet edge on finish by applying and texturing continually over the wall surface.
3. Work finish to corners, joints or other natural breaks and do not allow material to set up within an uninterrupted wall area. Float finish to achieve final texture.

F. SIKAWALL GRANITE & STONE:

1. Apply SIKAWALL TINTED PRIMER to the substrate in accordance with the current product bulletin. Primer shall be of the corresponding color for the selected finish color. Allow the primer to dry to the touch before proceeding with finish application.
2. Apply a tight coat of finish with a clean, stainless steel trowel. Maintain a wet edge on finish by applying and leveling continually over the wall surface.
3. Work finish to corners, joints or other natural breaks and do not allow material to set up within an uninterrupted wall area. Allow first coat to set until surface is completely dry prior to applying a second coat of finish.
4. Use a stainless-steel trowel and apply the second coat of finish. Achieve final texture using circular motions. Total thickness of finish may be between 1/16" (1.6 mm) and 1/8" (3.2 mm).

3.05 CLEANING

A. Clean work under provisions of Section [01 74 00] [x].

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

3.06 PROTECTION

A. Protect materials from rain, snow and frost for 48-72 hours following application.

B. Under average conditions [70 °F (21 °C), 50% Relative Humidity] finish will be dry within 24 hours. Drying time is dependent on humidity, air temperature, sun exposure, surface conditions and

finish thickness. Lower temperature, higher humidity and application in shaded areas will extend drying time. Protect finish from rain or other precipitation and temperatures less than 40°F (4°C) for a minimum of 24 hours or until dry.

C. Protect installed construction under provisions of Section [01 76 00] [ ].

END OF SECTION

WARRANTY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates (“SIKA”), the user must always read and follow the warnings and instructions on the product’s most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com/lahabra or by calling SIKA Facades’ Technical Service Department at 1-800-589-1336. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product’s shelf life. User determines suitability of product for intended use and assumes all risks. User’s and/or buyer’s sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS. Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at https://usa.sika.com/.

Sika Corporation
201 Polito Avenue
Lyndhurst, NJ
07071 USA
+1 201 933 8800
usa.sika.com/lahabra

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