westcoat®

LIQUID GRANITE™ & LIQUID TERRAZZO™

EC EPOXY COAT
DURABLE RESINS & HARDENERS

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LIQUID GRANITE / LIQUID TERRAZZO SUBMITTAL PACKAGE

DIVISION 09 – FINISHES

SECTION 09 67 23 RESINOUS FLOORING

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SYSTEM BROCHURE

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SPECIALTY COATING SYSTEMS

LIQUID GRANITE™ LIQUID TERRAZZO™

ABOUT LIQUID GRANITE™ LIQUID TERRAZZO™

Simulate the elegance of granite or terrazzo floors with Liquid Granite™ and Liquid Terrazzo™. These systems combine epoxy and acrylic color chips to create seamless, decorative, floor coatings. Designed for use in showrooms, restaurants, garages, recreation rooms, washrooms, and basements, Liquid Granite™ and Liquid Terrazzo™ coatings are chemical resistant and seamless, perfect for both residential and commercial applications.

ULTRA-TOUGH. PROTECTIVE.

- USDA compliant
- Chemical resistant
- Seamless
- Easy to clean
- Can be installed solvent free.
- 100% solids and water-based systems
- Slip resistant

FOR PROFESSIONAL USE ONLY.

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THE SYSTEMS:

Liquid Granite™ and Liquid Terrazzo™ are 100% solids epoxy floor-coating systems with color chips broadcasted into the pigmented epoxy, and sealed with a clear topcoat. Both systems promise durability in both residential and commercial applications, ensure quick and easy clean up, and can be installed in one day as needed. Liquid Granite™ and Liquid Terrazzo™ are designed to be used as light duty coatings. If required, these systems can be installed with a high build to eliminate substrate imperfections. Low odor materials are also available for occupied spaces, as well as various desired gloss levels.

LIQUID GRANITE:

The Liquid Granite™ system is a full broadcast color system. Color chips are broadcasted into wet epoxy until refusal or until no shiny wet epoxy is shown, creating a mildly textured finish.

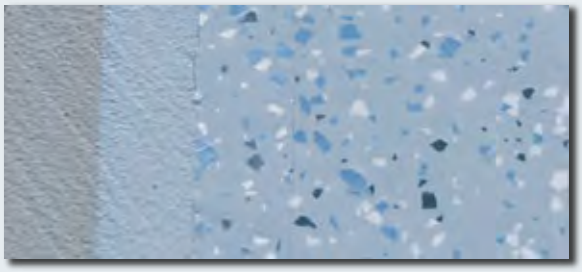
LIQUID GRANITE™

Concrete Primer (Full) Broadcast Topcoat

LIQUID TERRAZZO:

Liquid Terrazzo™ is a light broadcast color system. Color chips are lightly, yet evenly, sprinkled into the wet epoxy, creating a smoother finish.

LIQUID TERRAZZO™



Concrete Primer (Light) Broadcast Topcoat

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SYSTEM SPECIFICATION SHEET

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SYSTEM SPECIFICATION

EC EPOXY COAT
DURABLE RESINS & HARDENERS

Liquid Granite™ and Liquid Terrazzo™

Description
Westcoat's Liquid Granite™ and Liquid Terrazzo™ are floor coating systems with Color Chips broadcast into a 100% Solids pigmented epoxy and sealed with a clear Polyaspartic topcoat. The Liquid Granite™ is a full broadcast color system and the Liquid Terrazzo™ is a light broadcast color system.

Uses
Liquid Granite™ and Liquid Terrazzo™ are designed for use in showrooms, restaurants, garages, recreation rooms, washrooms and kitchens. These systems are a decorative, durable, chemical resistant coating, which makes it perfect for residential and commercial applications. Liquid Granite™ and Liquid Terrazzo™ are designed to be used as a light duty coating.

System Overview

System Data

Coverages	Primer	Epoxy Broadcast Coat	Color Chip Granite Look	Color Chip Terrazzo Look	Topcoat
	250-300 ft² per gallon	175-225 ft² per gallon	10 ft² per pound	100 ft² per pound	200-300 ft² per gallon

Components		Shelf Life	System Thickness
	EC-72 Epoxy Patch Gel	2 years	25-35 mils DFT
	EC-12 Epoxy Primer	2 years	
	EC-34 Epoxy Topcoat	2 years	
	EC-102 Polyaspartic	2 years	
	TC-60 Color Chips	n/a	

Advantages
USDA Compliant ▪ Chemical Resistant ▪ 100% Solids ▪ High Build ▪ Seamless ▪ Easy Clean Up ▪ Durable ▪ Decorative ▪ Choice of Colors ▪ Can be Installed Solvent Free

Inspection
The surface must be structurally sound, clean, dry and free of grease, paint, oil, dust, curing agents, laitance or any foreign material that will prevent proper adhesion. The concrete should be at least 2,500 PSI and porous or rough enough to allow the product to soak in. A minimum of 28 days curing time is required on all concrete. Prior to starting work, test existing concrete slab for efflorescence, moisture and hydrostatic pressure.

DISCLAIMER: PURCHASER'S SOLE AND EXCLUSIVE REMEDY AGAINST THE MANUFACTURER OF WESTCOAT, SHALL BE LIMITED SOLELY TO THE REPLACEMENT OF ANY DEFECTIVE MATERIAL OR A PAYMENT BY THE MANUFACTURER IN AN AMOUNT EQUAL TO THE COST OF THE ORIGINAL MATERIAL.

Liquid Granite™ and Liquid Terrazzo™

Preparation
Pre-cut and clean all cracks and joints with a concrete diamond blade to at least ¼ x ¼ inch. Prepare concrete to a profile equal to CSP 2-3 as specified by ICRI. Methods may vary according to the condition and hardness of the concrete. Other factors include the forecasted use of the surface and the environment in which it is to be installed. When preparing the surface use caution when shot blasting, scarifying too aggressively, leaving grind marks or grinding too smooth.

Moisture
All concrete should be tested for moisture before applying a seamless coating. If moisture emissions exceed 5 lbs/1000 square feet (ASTM F1869) or if the relative humidity (RH) exceeds 75% (ASTM F2170), please refer to the EC-15 Moisture Vapor Barrier Product Specification Sheet.

Crack Treatment
Mix 1 part A with 1 part B (by volume) of EC-72 Epoxy Patch Gel together for 3-4 minutes and apply to the crack using a trowel or putty knife. Patch all spalls and cracks with EC-72 and allow to dry 2-3 hours before priming. The material may be slightly overfilled in the crack and when completely dry (in 4-6 hours) can be sanded or ground smooth. This remedial approach to patch cracks is not guaranteed and it should be noted that when the substrate moves, it could likely crack the Liquid Granite™ or Liquid Terrazzo™ System.

Primer
Mix 2 parts A with 1 part B (by volume) of EC-12 Epoxy Primer together for 3-4 minutes. For best penetration into concrete, thin by adding 1-2 quarts of Westcoat's CA-23 to each 1½ gallon kit. Thinned material must be applied at less than 5 mils. To cure properly, do not allow product to puddle. Immediately apply at a rate of 250-300 square feet per gallon, using a trowel or squeegee and then back roll to ensure complete coverage. Be sure to apply up cove to termination point.

Broadcast Coat
Mix 2 parts A and 1 part B (by volume) of EC-34 Epoxy Topcoat. For color consistency, box all part A's. Apply at the rate of 175-225 square feet per gallon.

Granite Look: Broadcast pre-mixed color chips into the wet EC-34 to refusal (until no shiny spots are evident), at approximately 10 square feet per pound. After the EC-34 has cured, sweep excess chips and sand or scrape aggressively with a drywall scraper. Sweep again and vacuum loose chips.

Terrazzo Look: Sprinkle pre-mixed color chips into the wet base coat evenly at approximately 100 square feet per pound. After the base coat has cured, you may scrape or lightly sand the surface to smooth the chips. Sweep, blow or vacuum any loose chips.

Topcoat
Premix each component separately. In a clean bucket, mix 1 part A with 1 part B, by volume of EC-102 Clear Polyaspartic. Mix thoroughly with a low speed (400-600 rpm) drill motor for 2-3 minutes. Make sure to scrape the sides and bottom of the container during mixing. Immediately after mixing, pour activated product on the substrate. Apply EC-102 Clear Polyaspartic at approximately 200-250 square feet per gallon. After the topcoat has dried, you may sand or scrape rough spots and apply a second coat of EC-102 at approximately 200-300 square feet per gallon.

If additional coats are desired, it is recommended that the surface be lightly sanded and wiped with denatured alcohol just before reapplication. A test area should be performed prior to all re-coats.

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Dry Time
You may re-coat as soon as the surface is dry to the touch (~3 to 5 hours @ 72°F), but no later than 24 hours. All times are based on average temperature of 72°F and 50% humidity. Dry times may increase slightly when solvent is added. Prohibit traffic on the floor for 48 hours after installation. Allow 72 hours minimum for vehicular traffic. Avoid heavy abrasion and chemical exposure for 5 days.

Optional Materials
Flex Epoxy Membrane
- When a 100% flexible epoxy membrane is required, Westcoat's Flex Epoxy System may be installed prior to installing the Liquid Granite or Liquid Terrazzo System.

Patching
- TC-29 Concrete Patch may be used to patch and fill holes, spawls and minor cracks.

Primer Coat
- For lighter duty uses and when a faster turnaround is needed, EC-102 can be used as a primer. When using EC-102 as a primer, thin with 20% CA-23 and apply at a rate of 400-500 square feet per gallon. Broadcast coat may be applied as soon as the primer is dry to handle or approximately 1-4 hours at 72F degrees and 50% humidity.

Cove
- Epoxy Cove System can be used to create cove at the wall to floor transition.

Broadcast Coat
- EC-33 can be used in lieu of EC-34 for the Broadcast Coat.
- EC-36 100% Solids Epoxy plus the desired CA-36 Epoxy Color Pack can be used in lieu of EC-34 for the Broadcast Coat.
- For greater UV protection and faster installation, EC-101 Polyaspartic 100% Solids may be used for the broadcast coat and topcoat applications.
- For Vehicular Traffic or when a faster drying Broadcast Coat is required, it is recommended to use EC-102 Polyaspartic. EC-102 may be used for the broadcast coat and topcoat applications and provides greater UV protection and chemical resistance.

Topcoat
- EC-36 100% Solids Epoxy can be used in lieu of EC-102 for the Topcoat.

Water-Based System
- For a completely water-based, faster installation for light duty use, EC-11 Water-Based Epoxy may be used for the primer, broadcast coat and topcoat applications.

Skid Resistance
- CA-30 Small Safe Grip or CA-31 Large Safe Grip can be added to the EC-102 to produce a skid-resistant surface.
- CA-33 Aluminum Oxide can be used for skid resistance in heavy traffic areas.

* Please refer to Product and System Specification Sheets for additional information.

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Clean Up
Uncured material can be removed with solvent. If cured, material can only be removed mechanically or with an environmentally-safe solvent.

Maintenance
Interior Floors can be dust mopped daily or mopped using a neutral pH cleaner. For more information on floor care and maintenance, please refer to the General Maintenance sheet.

The Liquid Granite/Terrazzo™ System should be inspected for wear every 2 to 4 years. The system should be resealed with the appropriate Westcoat topcoat every 3 to 5 years depending upon traffic and UV exposure. Contact the original Installer of Westcoat for complete re-coating instructions.

Health Precautions
Inhalation of vapor or mist can cause headache, nausea, irritation of nose, throat and lungs. Avoid breathing vapors. It is strongly recommended that respirators are worn. Prolonged or repeated skin contact can cause slight skin irritation. All epoxies have the potential of causing skin irritations or allergic reactions. Be careful not to get on skin, clothes or in eyes. Gloves are strongly recommended. If splashed in the eye, flush with warm water and contact a physician if blurring persists.

Solvent based products are extremely flammable. Extinguish all pilot lights and sources of ignition, such as electrical motors. Be sure to have adequate cross ventilation prior to installing.

Limitations
- This system is designed for professional use only.
- Read Product Specification Sheets for every product you will be using before beginning the project.
- Be sure to do adequate surface preparation.
- Be sure to measure and mix properly.
- For interior use only.
- Test for moisture in concrete and vapor drive.
- Be aware of the pot life of mixed material.
- Do not apply in temperatures below 50°F or temperatures above 90°F. Cooler temperatures will cause slower dry times.
- Exceeding the maximum thickness per coat of ≤ 6 dry mils may reduce the hardness of the EC-102 and may increase the chance of tire staining.
- Permitting tire traffic prior to the 72 hour cure, may lead to plasticizer migration or tire staining.
- Thinly applied coatings may not hide epoxy patches, rough concrete or shotblast tracks.
- EC-102 must be cured for a minimum of 48 hours before coming in contact with water.
- EC-102 has odor.
- Heavier topcoat may become slippery.
- Approval and verification of proposed colors, textures and slip resistance is recommended.
- Do not allow Westcoat products to freeze.

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Liquid Granite™ and Liquid Terrazzo™

Slip Precaution

Westcoat Specialty Coatings Systems highly recommends the use of a slip-resistant additive to all coatings/systems that may be exposed to wet, oily, greasy or slippery conditions. It is the end user's responsibility to provide a flooring system that meets current safety standards. Westcoat and its distributors will not be responsible for injury incurred during a slip and fall incident. For the current coefficient of friction requirements, please consult your local building codes.

Suggested Base Colors

Color Chip Blend	Liquid Granite™ Suggested Base Colors	Liquid Terrazzo™ Suggested Base Colors
Sandstone	Travatan	Travatan or Deep Tan
Shadow	Cape Cod Gray or Pewter Gray	Pewter Gray, Cape Cod Gray or Black
Atascadero	Travatan or Deep Tan	Travatan or Deep Tan
Dove Gray	Cape Cod Gray or Pewter Gray	Pewter Gray or Cape Cod Gray
Granite	Cape Cod Gray or Pewter Gray	Pewter Gray, Cape Cod Gray or Black
Storm Cloud	Concrete Gray or Cape Cod Gray	Pewter Gray, Cape Cod Gray or Black
Niagara	Cape Cod Gray	Pewter Gray or Cape Cod Gray
Mocha Tweed	Deep Tan or Travatan	Travatan, Deep Tan or Tile Red
Desert Storm	Travatan	Travatan, Deep Tan or Black

EC-102 Chemical Test Data	
Chemical Resistance	**Clear & Pigmented**
Muriatic Acid (31.5% HCL)	5
Sulfuric Acid (50% H2SO4)	5
Sulfuric Acid (93% H2SO4)	1
Nitric Acid (10% HNO3)	5
Sodium Hydroxide (50% NaOH)	5
Isopropyl Alcohol (99%)	5
Bleach (sodium hypochlorite)	5
Vinegar (3-5% acetic acid)	5
Transmission Fluid	5
Gasoline	4
Brake Fluid	5
409 Surface Cleaner	5
Pine Sol Solution	5
Blood & Body Fluids	5
Iodine Solution	5
Mustard	5
Ketchup	5/5
Red Wine	5/5
Acetone	4
Methyl Ethyl Ketone (MEK)	4
Xylene	5
Skydrol	3s
Ethanol	5
Methanol	5

Key:
5 = Best (no effect)
4 = Softens (recovers)
3 = Softens (no recovery)
2 = Blistered (no recovery)
1 = Worst (destroyed)
s = Stains but resists degradation

Testing done per ASTM D1308
All Single Numbers = 2 hr Contact time
All Multiple Numbers Separated by a Slash = 2 hr contact time / 24 hr contact time

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CSI SPECIFICATION

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SECTION 09 67 23 RESINOUS FLOORING
LIQUID GRANITE AND LIQUID TERRAZZO SYSTEM

PART 1 GENERAL

1.01 SUMMARY

A. Section includes: Provide a complete epoxy floor system for concrete surfaces that meet the requirements for specific use indicated in the contract documents. Include all applicable substrate testing, surface preparation, and detail work.

1.02 RELATED SECTIONS

A. Section 033000 – Cast-In-Place Concrete
B. Section 090000 – Finishes

1.03 SUBMITTALS

A. Submit under provisions of Section 013300.
B. Product Data: Submit manufacturer's product data sheets on each product and system to be used including:
   1. Preparation instructions and recommendations.
   2. Storage and handling requirements.
   3. Installation methods.
   4. Maintenance requirements.
C. Selection Samples: For each system specified, provide two sets of samples and color charts, representing manufacturer's full range of colors and patterns.

1.04 QUALITY ASSURANCE

A. All materials used in the epoxy floor system shall be manufactured and provided by a single manufacturer to ensure compatibility and proper bonding.
B. Use adequate numbers of skilled workmen thoroughly trained and experienced in the necessary crafts and completely familiar with the specified requirements and methods needed for proper performance of the work of this section.
C. Contractor shall have a minimum of 3 years experience installing epoxy floor coatings similar to that which is required for this project and who is acceptable to the manufacturer.
   1. Applicator shall designate a single individual as project foreman who shall be on site at all times during installation.
   2. Contractor must show and have QCA Qualified Contractor/Applicator paperwork from the manufacturer of the coating system, as required to obtain a long-term jobsite specific warranty.
D. Convene a pre-application meeting before the start of application of coating system. Require attendance of parties directly affecting work of this section, including: Architect, contractor, applicator, and authorized representative of the coating system manufacturer and interfacing trades. Review the following:
   1. Drawings and specifications affecting work of this section.
   2. Protection of adjacent surfaces.
   3. Surface preparation and substrate conditions.
   4. Application.
   5. Field quality control.
   6. Protection of coating system.
   7. Repair of coating system.
   8. Coordination with other work.

1.05 DELIVERY, STORAGE & HANDLING

A. Delivery: Materials shall be delivered to the job site in sealed, undamaged containers. Each container shall be clearly marked with manufacturer's label showing type of material, color, and lot number.
B. Storage: Store all materials in a clean, dry place with a temperature range in accordance with manufacturer's instructions.
C. Handling: Handle products carefully to avoid damage to the containers. Read all labels and Material Safety Data Sheets prior to use.

1.06 PROJECT SITE CONDITIONS

A. Maintain environmental conditions (temperature, humidity, and ventilation) within the limits recommended by the manufacturer.
B. All concrete should be tested for moisture before applying a seamless coating. If moisture emissions exceed 5 lbs/1000 square feet (ASTM F1869) or if the relative humidity (RH) exceeds 75% (ASTM F2170), see EC-15 Moisture Vapor Barrior product specification.
C. Concrete must be at least 2500 psi.
D. Concrete must be cured for a minimum of 28 days before coating is applied.
E. Schedule coating work to avoid excessive dust and airborne contaminates. Protect work areas from excessive dust and airborne contaminates during coating application.
F. Before any work is started, the applicator shall examine all surfaces for any deficiencies. Should any deficiencies exist, the architect, owner or general contractor shall be notified in writing and any corrections necessary shall be made.

1.07 WARRANTY

A. Upon completion of the work in this section provide a written warranty from the manufacturer against defects of materials for a period of 1 (one) year. To obtain project specific warranty the coating system applicator must be a Westcoat Qualified Contractor/ Applicator and apply for warranty.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Acceptable manufacturer: Westcoat Specialty Coatings; 4007 Lockridge Street, San Diego, CA 92102. Telephone 800-250-4519. Fax 619-255-7187. Website: www.westcoat.com.

2.02 MATERIALS

A. As basis of design Westcoat Liquid Granite System (no substitutions will be accepted): 100% solids floor coating system with color chips fully broadcasted into pigmented EC-34 Epoxy Topcoat and sealed with EC-102 Polyaspartic.

B. As basis of design Westcoat Liquid Terrazzo System (no substitutions will be accepted): 100% solids floor coating system with color chips lightly broadcasted into pigmented EC-34 Epoxy Topcoat and sealed with EC-102 Polyaspartic.

2.03 COMPONENTS

A. Liquid Granite System: 100% Solids Epoxy with color chips fully broadcasted into base coat.
   1. Primer: EC-12 Epoxy Primer 250-300 square feet per gallon.
   2. Base Coat: EC-34 Epoxy Topcoat pigmented 175-225 square feet per gallon.
   3. Color Chip Broadcast: TC-60 Color Chips into the wet EC-34 Epoxy Topcoat at a rate of 10 square feet per pound.
   4. Topcoat: EC-102 Polyaspartic. 200-300 square feet per gallon. Additional coats may be required, depending on the desired texture and finish.

B. Liquid Terrazzo System: 100% Solids Epoxy with color chips lightly broadcasted into base coat.
   1. Primer: EC-12 Epoxy Primer 250-300 square feet per gallon.
   2. Base Coat: EC-34 Epoxy Topcoat pigmented 175-225 square feet per gallon.
   3. Color Chip Broadcast: TC-60 Color Chips into the wet EC-34 Epoxy Topcoat at a rate of 100 square feet per pound.
   4. Topcoat: EC-102 Polyaspartic. 200-300 square feet per gallon. Additional coats may be required, depending on the desired texture and finish.

2.04 ACCESSORIES

A. Supplemental Materials:
   1. Patching materials shall be EC-72 Epoxy Patch Gel.
   2. Optional aggregate shall be CA-30 Small Safe Grip, CA-31 Large Safe Grip, or CA-33 Aluminum Oxide designed to meet the owners skid resistance requirements.
   4. Optional Water Based System Installation: EC-11 Water Based Epoxy may be used for the primer, broadcast coat, and topcoat applications IN LIEU of 100% solids epoxy when a light duty WB system is desired.
   5. Optional cove base shall be Westcoat's Epoxy Cove.
   6. EC-33 General Purpose Epoxy can be used in lieu of EC-34 for the Base Coat.
   7. Westcoat's Flex Epoxy system may be used under the Liquid Granite or Liquid Terrazzo systems, when a 100% solids flexible epoxy membrane is required.

   Optional Topcoats:
   8. EC-36 100% Solids Epoxy & CA-36 Color Pack can be used in lieu of EC-34.
   9. SC-65G WB Gloss Polyurethane may be used OVER the EC-102 when a low odor, solvent free, mar and chemical/UV resistant gloss finish is required.
   10. SC-65SG WB Semi-Gloss Polyurethane may be used OVER the EC-102 when a low odor, solvent free, mar and chemical/UV resistant semi-gloss finish is required.
   11. SC-65F WB Flat Polyurethane may be used OVER the EC-102, SC-65G Gloss or SC-65 SG Semi-Gloss when a low odor, solvent free, mar and chemical/UV resistant flat finish is required.
   12. EC-95G Gloss Polyurethane may be used OVER the EC-102 when a chemical/UV resistant, solvent-based gloss finish is required.
   13. EC-95F Flat Polyurethane may be used OVER the EC-95G when a chemical/UV resistant, solvent-based flat finish is required.
   14. EC-101 Polyaspartic 100% Solids may be used in lieu of EC-102 as a high gloss, quick drying, high build, mar and chemical resistant finish with outstanding wear resistance.
   15. EC-36 may be used in lieu of EC-102 when a 100% solids epoxy is required.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verification of Conditions.
   1. Inspect all surfaces to receive epoxy flooring. The surface must be structurally sound, clean, dry and free of grease, paint, oil, dust, curing agents, laitance or any foreign material that will prevent proper adhesion.
   2. Conduct calcium chloride testing according to ASTM F1869.
   4. Before starting work, report in writing to the authority having jurisdiction any unsatisfactory conditions.

3.02 SURFACE PREPARATION

A. Prepare surfaces using methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
B. Shot blast or mechanically abrade the surface to achieve a surface profile equal to CSP of 2-3 as specified by ICRI.
C. Clean Surfaces thoroughly prior to installation.
D. Rout and clean moving cracks and joints: fill with manufacturer's recommended flexible

epoxy filler material.

E. Repair any non-moving surface deviations with manufacturer's recommended patching material.

3.03 INSTALLATION

A. Install coatings in accordance with manufacturer's instructions.
B. Mix multi-component materials in accordance with manufacturer's instructions.
C. Use application equipment, tools, and techniques in accordance with manufacturer's instructions.
D. Uniformly apply coatings at spread rates and in number of coats to achieve specified mil thickness recommended by the manufacturer.
    1. Install integral cove base where indicated on the contract drawings and according to manufacturer's instructions.
    2. Key in all drains, edges, and transition points according to manufacturer's instructions.
E. Broadcast aggregates in accordance with the specified system and manufacturer's instructions.
F. Adhere to all limitations, instructions, and cautions for epoxy coating as stated in the manufacturer's published literature.

3.04 FIELD QUALITY CONTROL

A. Verify coatings and other materials are as specified.
B. Verify coverages of the system as work progresses. Areas found not to meet the required thickness shall receive additional material until specified thickness is attained.
C. Manufacturer's representative shall provide technical assistance and guidance for surface preparation and application of coating systems.

3.05 PROTECTION AND CLEAN-UP

A. Prohibit traffic on floor for 48 hours after installation. Avoid heavy abrasion and chemical exposure for 5 days. Allow 72 hours minimum for vehicular traffic.
B. Protect finished surfaces of coating system from damage during construction.
C. Touch-up, repair or replace damaged flooring system after substantial completion.
D. Clean area and remove all debris upon completion of work. Dispose of empty containers properly according to current Local, State and Federal regulations.

3.06 MAINTENANCE

A. Contractor shall provide to owner, maintenance and cleaning instructions for the floor system upon completion of work. Owner is required to clean and maintain the surfaces to maintain manufacturer's warranty.

END OF SECTION

This guide specification has been prepared by Westcoat Specialty Coating Systems to assist design professionals in developing a project specific specification. This guide is a template that must be reviewed and adapted by specifiers to comply with project requirements. This guide specification is not to be copied directly into a project specification manual without review.

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COLOR CHART

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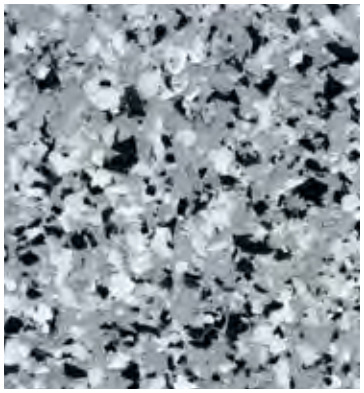
TC-60 COLOR CHIP BLENDS



Shadow | 107

Granite | 104

Niagara | 106

Sandstone | 109

Dove Gray | 102

Desert Storm | 112

Atascadero | 100

Mocha Tweed | 105

Storm Cloud | 110

CAUTION : Color will vary between products and sheens. This chart is for reference only.
Please request an actual color sample or apply sample on site before beginning any project.

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SAMPLE WARRANTY

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WARRANTY

WESTCOAT LIQUID GRANITE
MATERIAL WARRANTY

Subject to the conditions, limitations and requirements set forth below, Westcoat warrants the Westcoat Liquid Granite materials to be free of defects in the material for a period of one (1) years from the date of original purchase of the materials provided that the materials are installed by a professional applicator with experience installing the Westcoat Liquid Granite or equivalent systems and subject to all terms and conditions set forth below.

If the Westcoat Liquid Granite materials fail due to defects within the warranty period, Westcoat, in its sole discretion, will either provide replacement materials for the defective Liquid Granite materials or reimburse the original purchaser in an amount not to exceed the original cost of the materials. Westcoat shall in no way be responsible or liable for any labor costs or any incidental or consequential damages, including without limitation, economic losses, lost profits, business interruption, loss of use, contribution, indemnity or other losses arising from the use of the Flex Epoxy materials.

This warranty is limited to the original purchases and is non-transferable. This warranty is void if the Liquid Granite materials are: not properly maintained; not installed pursuant to the current system information sheet; and/or applied at any area that is not built in accordance with applicable building codes. The warranty is also void if all of the materials are not purchased from an authorized distributor of Westcoat.

This warranty does not apply to and Westcoat has no responsibility or liability for: (1) the condition or movement of the substrate; (2) moisture rising from substrate and/or efflorescence; (3) the loss of gloss, fading or cleaning; (4) repairs and/or maintenance of the sealer and texture coat (5) waterproofing of any sort; (6) abuse or misuse of the materials; or (7) improper installation; or (8) surfaces less than 2500 psi concrete.

THIS MATERIAL WARRANTY AND THE REMEDIES PROVIDED HEREUNDER ARE EXCLUSIVE AND GIVEN IN LIEU OF ALL OTHER WARRANTIES (WHETHER WRITTEN, ORAL, IMPLIED OR STATUTORY). THERE ARE NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, THAT EXTEND BEYOND THAT SPECIFICALLY DESCRIBED HEREIN. PURCHASER'S SOLE AND EXCLUSIVE REMEDY AGAINST THE MANUFACTURERS OF WESTCOAT, INCLUDING CLAIMS BASED UPON THE MANUFACTURER'S NEGLIGENCE OR STRICT LIABILITY, SHALL BE LIMITED SOLELY TO THE REPLACEMENT OF ANY DEFECTIVE LIQUID GRANITE MATERIAL OR A PAYMENT BY THE MANU-FACTURER IN AN AMOUNT EQUAL TO THE COST OF THE ORIGINAL LIQUID GRANITE MATERIAL.

The Westcoat Liquid Granite system requires a maintenance topcoat as specified every two to four years (depending on ultraviolet exposure and/or traffic) as determined by a Westcoat QCA, licensed contractor or design professional. Inspections are required one year after installation and every two years thereafter by a Westcoat QCA, licensed contractor or design professional. The record of the inspection must be kept in writing and entitlement to the benefits of this warranty require the purchaser to show proof of purchase of the materials and the record of inspection(s).

All claims arising from any defect in the Liquid Granite materials or under this Warranty shall be made, in writing, to Westcoat within ninety (90) days of the discovery of the alleged defect and within the time period of this warranty. Upon notification, Westcoat shall have the right to inspect and determine course of repair. The absence of a written claim within this time period shall constitute a waiver of all claims, rights and damages against Westcoat, and its affiliates. This warranty shall not toll or extend any statute of limitation applicable to a claim of negligence, breach of contract or strict liability against Westcoat.

Any and all disputes, claims or damages arising out of the use of Liquid Granite materials or this Warranty shall be arbitrated in the County of San Diego, State of California, utilizing the services of a neutral dispute resolution service upon which the purchaser and Westcoat agree, or if they cannot agree, utilizing the services of the American Arbitration Association. The purchaser and Westcoat hereby waive any right they may have to have a jury decide any dispute.

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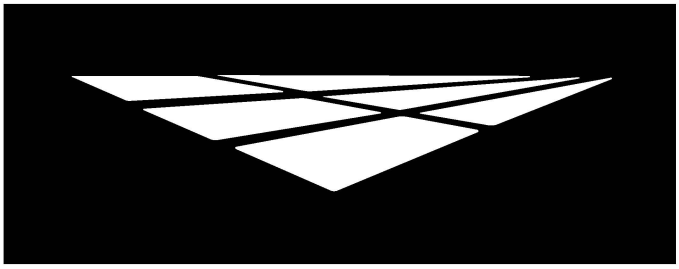

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GENERAL MAINTENANCE

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INTERIOR COATINGS

Westcoat interior coating systems (including such systems as: Thin Film, Grind and Seal, Dubro Quartz, etc.) offer durable, high-performance, long lasting surfaces, that are designed to provide years of service against normal wear and usage. Seamless flooring allows for greater ease of cleaning, compared to traditional resilient flooring, due to the absence of cracks, seams and crevices that can trap dirt and contaminants. To extend the service life of your Westcoat system, it is recommended to implement a routine cleaning regimen and have periodic inspections. This information is a basic guideline only.

Routine Cleaning

All coating systems require maintenance and upkeep to ensure continued performance and to maximize the life of the system. Maintenance methods may vary depending on the system, texture, topcoat or sealer, environment conditions, slope, drainage, volume and type of traffic, and use of space.

Ensure that the coating surface is free from debris, such as sand, gravel, metals, or other abrasives that can result in premature wear of the topcoat or sealer. Grease, oils, and other contaminants should be removed promptly to maintain the surface. Establish a routine maintenance schedule for all flooring systems. Be sure to test all cleaning agents in an unnoticeable area to ensure compatibility. Refer to the manufacturer's instructions and dilution rates for all cleaning agents. Routine cleaning can be achieved by using a mild cleaning solution, such as "Simple Green", neutral pH detergent or soap. Be sure to use clean mops and change out cleaning solution regularly. Utilize a brush, broom or mechanical scrubber to help agitate and loosen up dirt and debris, especially on textured floors. Ensure that the surface is rinsed with clean water thoroughly. Do not allow cleaning agents to dry on the surface. Buildup of residue or other foreign elements can make cleaning more difficult and can also negatively affect the slip resistance of the surface.

Floor auto-scrubbing machines can be used for larger areas. Avoid using abrasive pads or brushes and use long, soft brushes. Do not allow buildup of residue or other foreign materials, as this can result in a surface that is slippery when wet. Do not use metal-based or coarse brushes, as they may damage the surface.

Wax and Floor Finishes

Westcoat interior coating systems do not typically require a wax or a floor finish material. That said, in some cases where heavy traffic is present or where you may desire to enhance the finish, a standard, commercial floor finish, that is intended for use with resinous materials can be applied. Prior to application, ensure that the surface is clean and free from any debris or wax. Apply and maintain wax or floor finish per the manufacturer 's guidelines. Wax or floor finishes will need to be completely removed prior to reseal application.

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INTERIOR COATINGS

Maintenance and Inspections

All interior coating systems should be periodically inspected and regularly maintained by a Westcoat Qualified Contractor Applicator (QCA). Inspections are required one year after installation and every two years thereafter by a factory authorized representative. After 3-5 years, a "reseal" (thorough cleaning and reapplication of Westcoat topcoat/sealer) may be required. Existing sealer or coating should be abraded and wiped with solvent, before application of topcoat or sealer. Some topcoats and sealers may require additional preparation, prior to recoating. Should damage occur, be sure to contact the original Westcoat applicator to inspect and repair the coating system immediately.

Best Practices

• Do not expose the coating surface to traffic, moisture or chemical agents until system is fully cured.

• Immediately clean up and rinse off any chemical solutions that may stain or damage the surface.

• Do not subject the floor coating system to chemicals that it is not compatible or resistant to.

• Avoid dragging metal, concrete, pallets or other types of objects with sharp edges across the floor.

• Rolling loads with steel casters can potentially damage the surface and should be avoided.

• Avoid ponding or standing water, by ensuring that positive drainage is present before applying the floor coating system.

• Water should no be allowed to enter the flooring systems through penetrations, joints or edges.

• Furniture should have protective coasters or pads to prevent from indentations or damage.

• Tape and other adhesives should not be applied to finished floors, as this may damage the surface.

Any information provided by Westcoat Specialty Coating Systems is for general purposes only. Nothing presented by Westcoat Specialty Coating Systems constitutes design advice or a recommendation specific to a particular situation. Westcoat Specialty Coating Systems directs you to consult with the appropriate qualified design professional to ensure any product or information meets the requirements for the specific intended use, and complies with all building plans, specifications, codes or regulations. Westcoat Specialty Coating Systems expressly and specifically disclaims responsibility for any damages arising from the use of any information, and each recipient of this information agrees that there is no express or implied warranty, including any implied warranty of merchantability or fitness for a particular purpose, arising from any information provided by Westcoat Specialty Coating Systems.

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ARCHITECTURAL DETAILS

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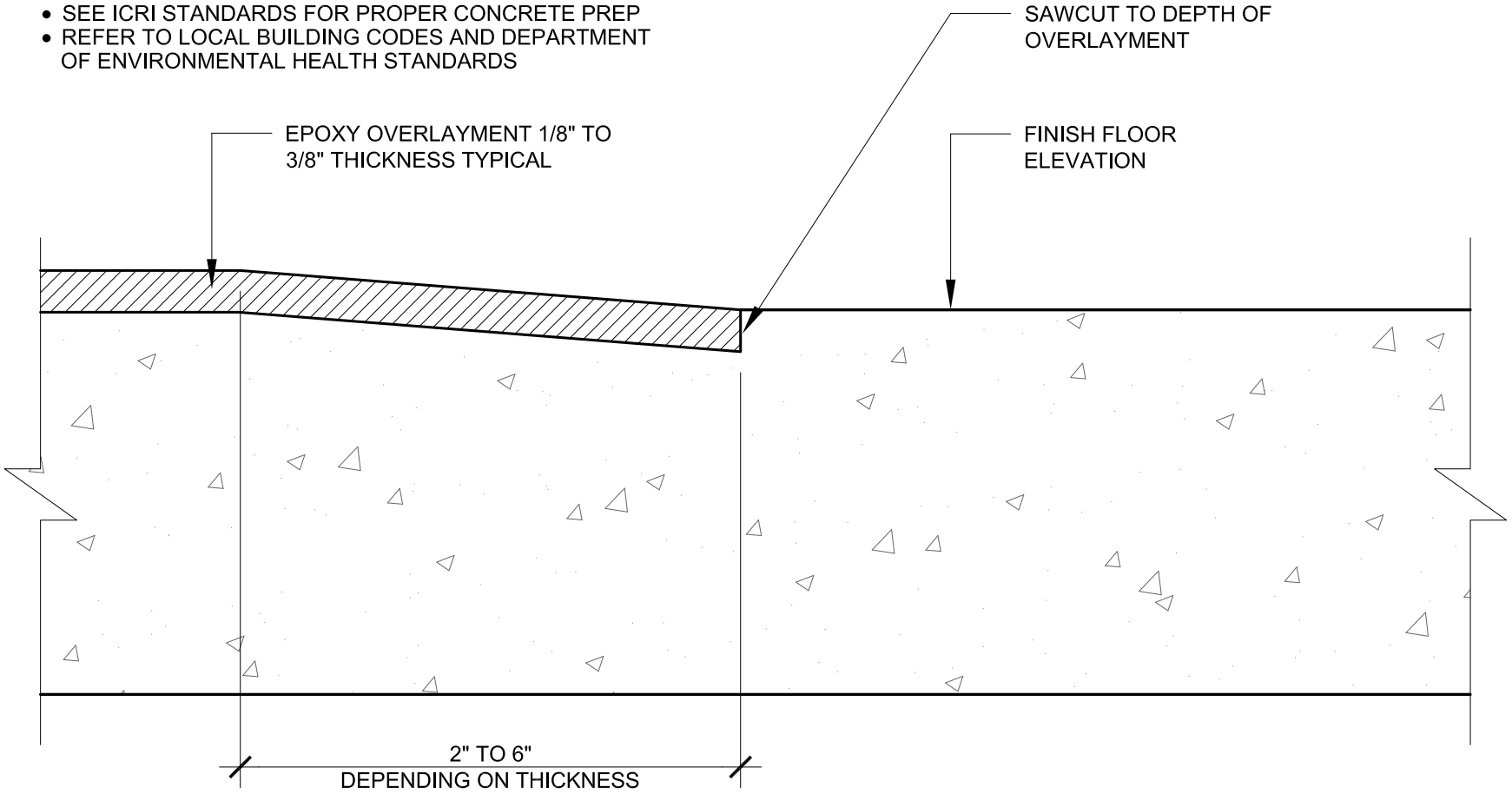
HIGH BUILD EPOXY TO CONCRETE FLOOR TERMINATION

NOT TO SCALE

NOTES:
- 2500 PSI MINIMUM CONCRETE SUBSTRATES
- SEE ICRI STANDARDS FOR PROPER CONCRETE PREP
- REFER TO LOCAL BUILDING CODES AND DEPARTMENT OF ENVIRONMENTAL HEALTH STANDARDS



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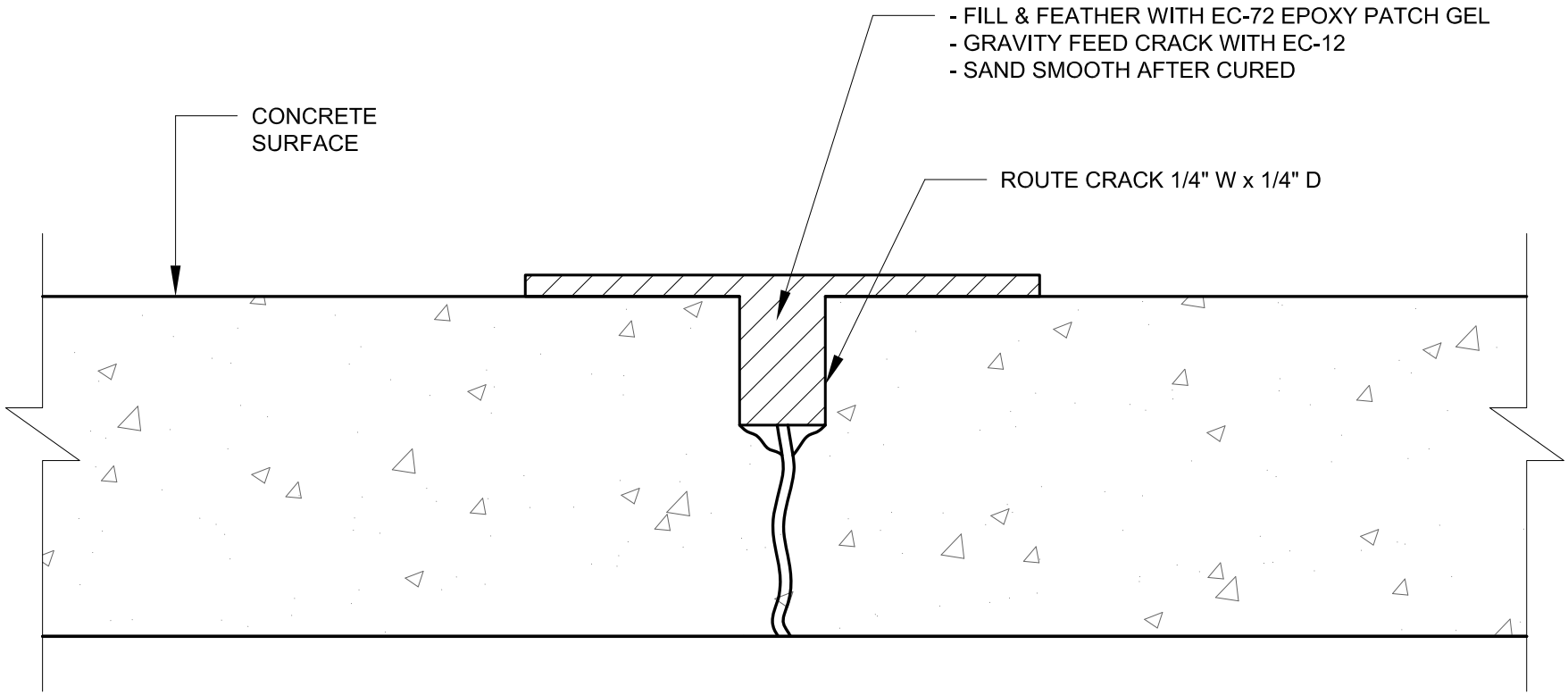
CRACK REPAIR: THIN FILM SYSTEMS

NOT TO SCALE

NOTES:

- 2500 PSI MINIMUM CONCRETE SUBSTRATES
- SEE ICRI STANDARDS FOR PROPER CONCRETE PREP
- REFER TO LOCAL BUILDING CODES AND DEPARTMENT OF ENVIRONMENTAL HEALTH STANDARDS



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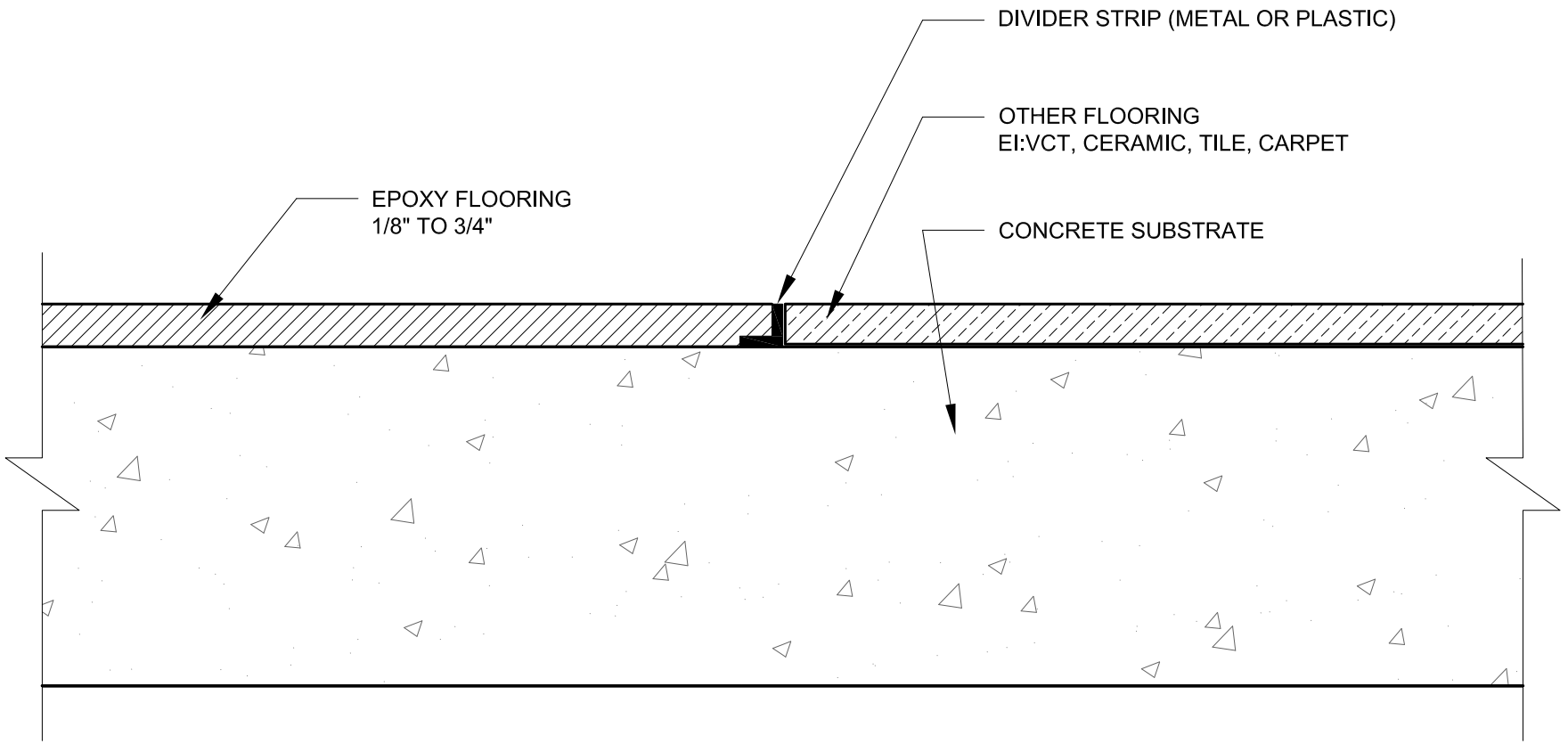
HIGH BUILD EPOXY FLOORING TRANSITION TO ALTERNATE FLOORING

NOT TO SCALE

NOTES:

- 2500 PSI MINIMUM CONCRETE SUBSTRATES
- SEE ICRI STANDARDS FOR PROPER CONCRETE PREP
- REFER TO LOCAL BUILDING CODES AND DEPARTMENT OF ENVIRONMENTAL HEALTH STANDARDS



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CRACK REPAIR: HIGH BUILD SYSTEMS

NOT TO SCALE

NOTES:

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- SEE ICRI STANDARDS FOR PROPER CONCRETE PREP
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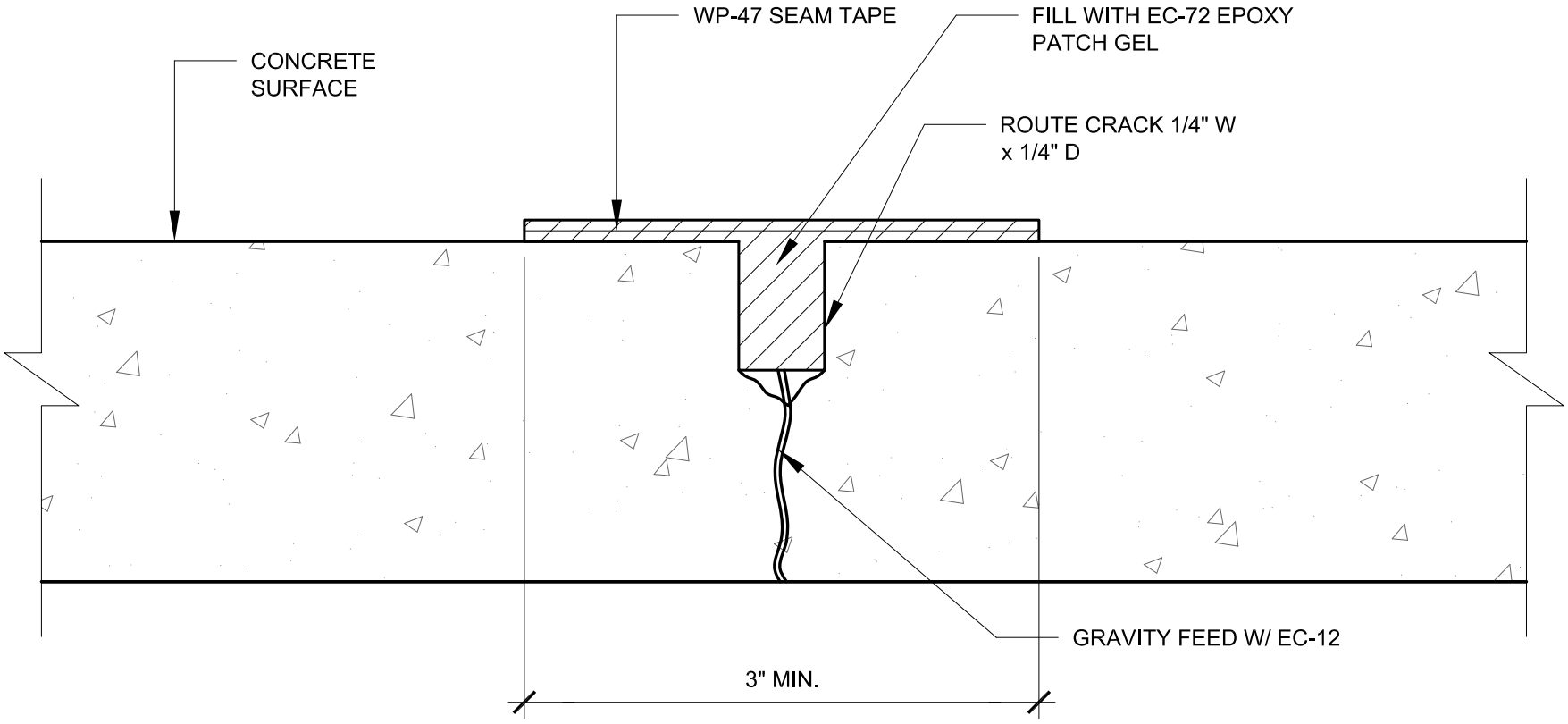

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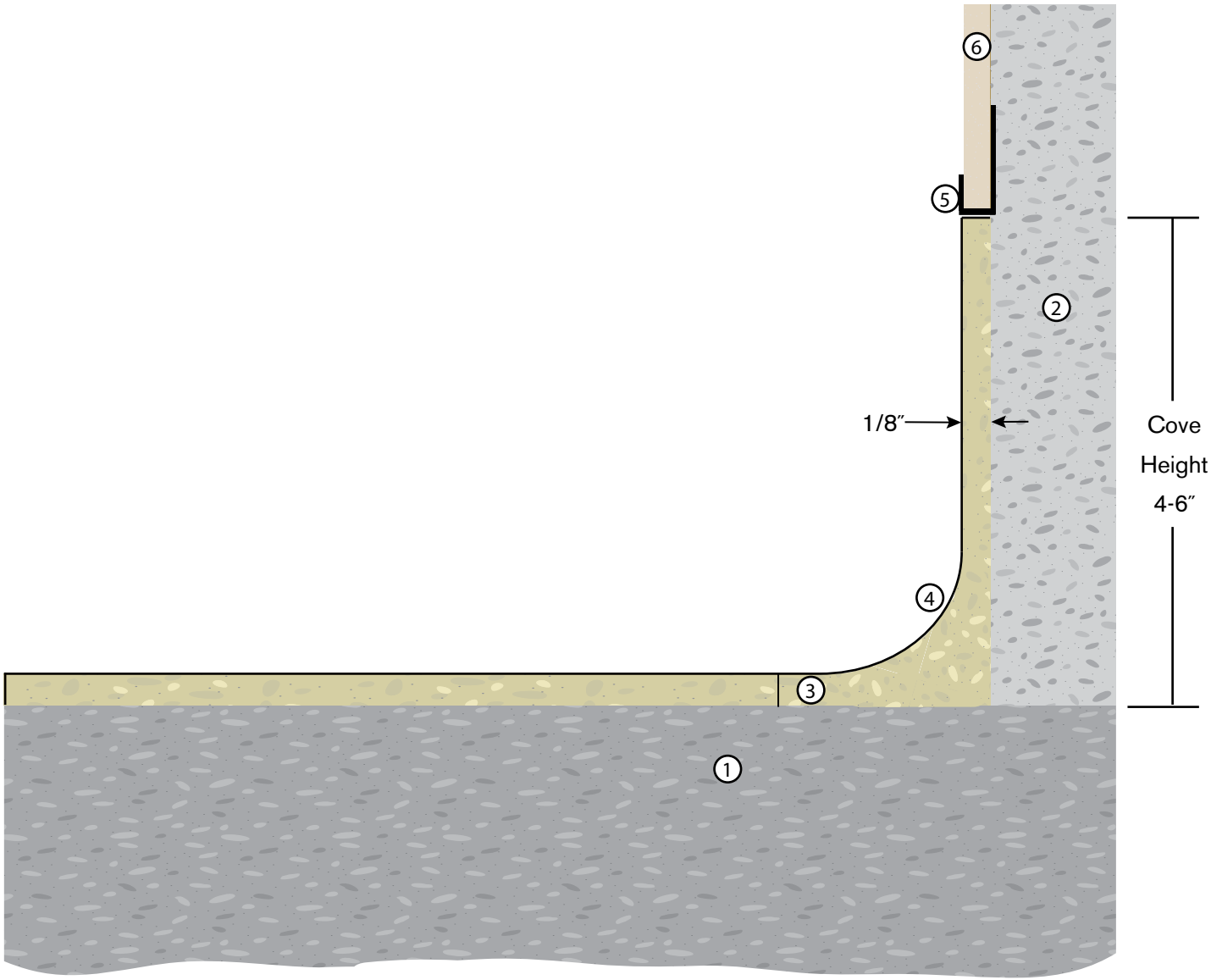

KEYNOTES

1. Concrete Substrate
2. Wall
3. Epoxy Flooring System
4. 3/4 Radius Cove
5. FRP Edge Trim Molding
6. FRP

- Concrete must be a minimum 2,500 PSI.
- Concrete must be cured for a minimum 28 days.
- Concrete should be prepared to a profile equal to ICRI CSP 3-5.
- Refer to local building codes and standards.
- Refer to all Product and System Specifications for additional information.

REV. 12/15/20 - TC

EPOXY COVE - FRP PANEL TERMINATION

DIVISION 09 67 23
Resinous Flooring

SCALE : NTS

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SPECIALTY COATING SYSTEMS
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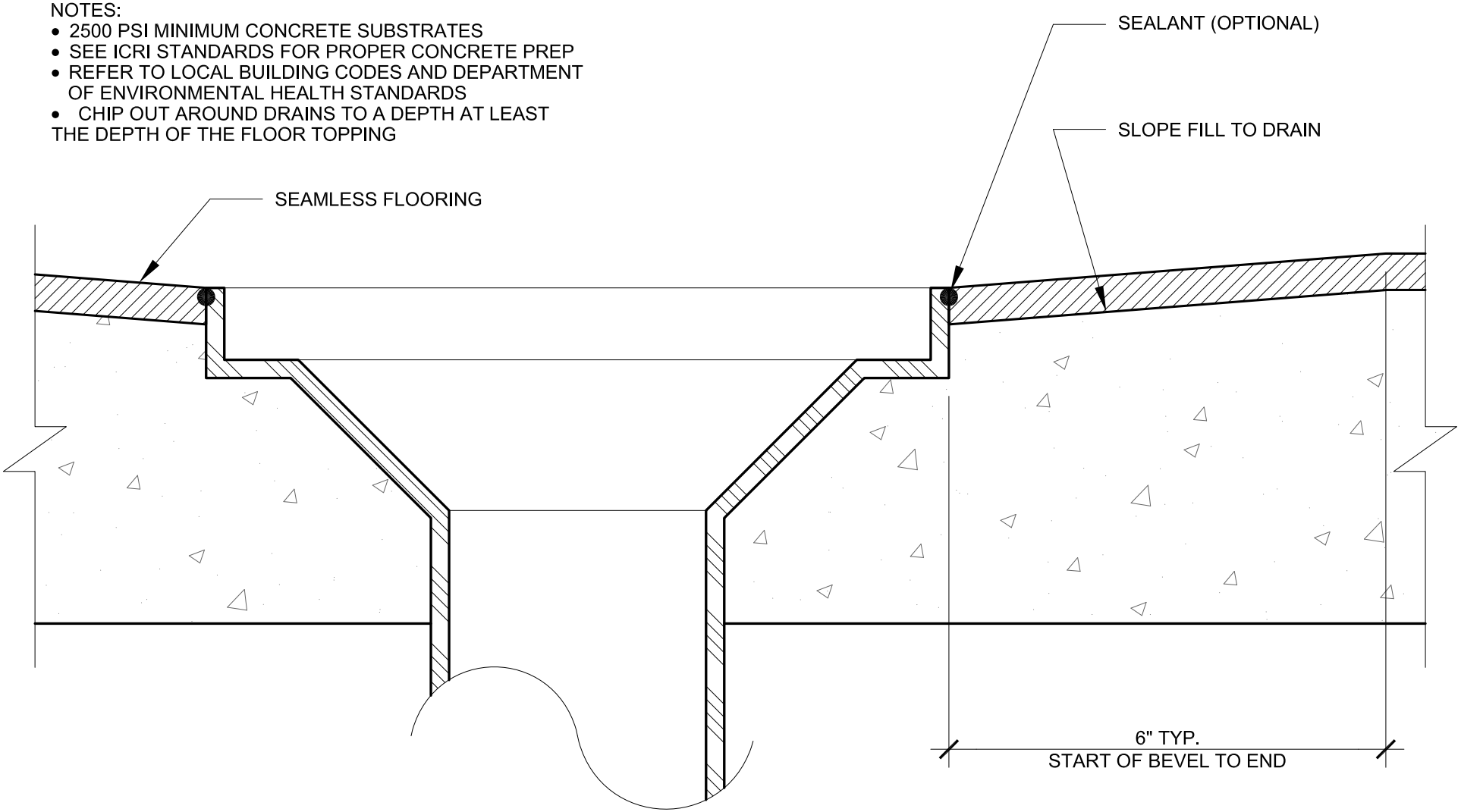
EC FLOOR DRAIN

NOT TO SCALE

NOTES:

- 2500 PSI MINIMUM CONCRETE SUBSTRATES
- SEE ICRI STANDARDS FOR PROPER CONCRETE PREP
- REFER TO LOCAL BUILDING CODES AND DEPARTMENT OF ENVIRONMENTAL HEALTH STANDARDS
- CHIP OUT AROUND DRAINS TO A DEPTH AT LEAST THE DEPTH OF THE FLOOR TOPPING



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EC COVE

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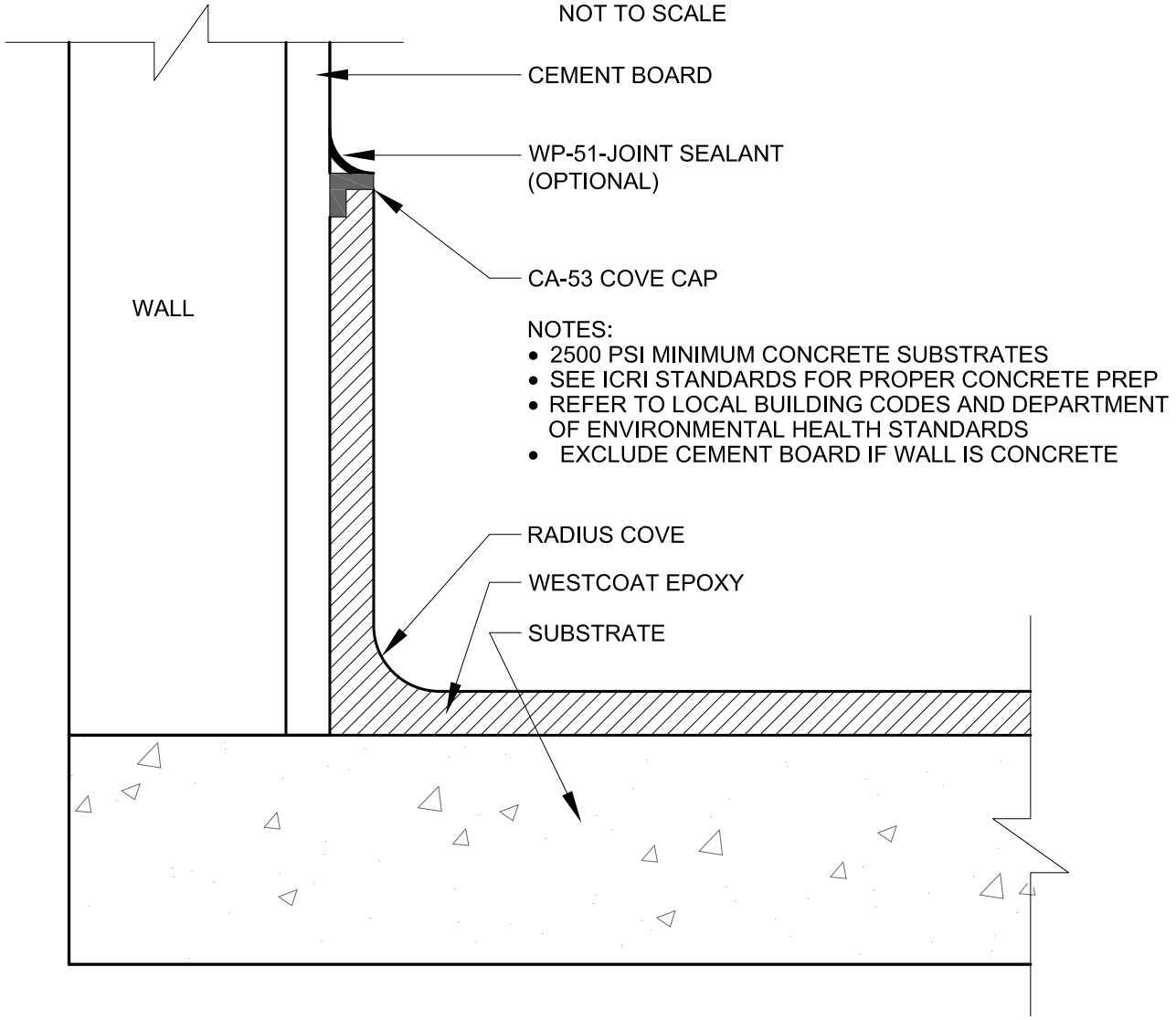

NOTES:

- 2500 PSI MINIMUM CONCRETE SUBSTRATES
- SEE ICRI STANDARDS FOR PROPER CONCRETE PREP
- REFER TO LOCAL BUILDING CODES AND DEPARTMENT OF ENVIRONMENTAL HEALTH STANDARDS
- EXCLUDE CEMENT BOARD IF WALL IS CONCRETE

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