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SPECIALTY COATING SYSTEMS

LEVEL-IT GRIND, STAIN, & SEAL



TEXTURE COAT
DECORATIVE TEXTURED SURFACES



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LEVEL-IT GRIND, STAIN, & SEAL SUBMITTAL PACKAGE

**DIVISION 9 – FINISHES
SECTION 09 61 19 CONCRETE FLOOR STAINING**

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SYSTEM BROCHURE



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LEVEL-IT™



ABOUT LEVEL-IT™:

Level-It™ is an interior self-leveling flooring system designed to transform rough, uneven, or unattractive concrete into a decorative surface. It provides a high-build, quick-drying solution for uneven interior floors or where existing concrete substrates may be unsuitable for staining and sealing or polishing. Available in two options — Level-It™ Grind, Stain, and Seal and Level-It™ Polish — both systems can be installed in commercial and residential environments and are perfect for areas such as offices, showrooms, and restaurant floors.



ULTRA-TOUGH. PROTECTIVE.

- Self-Leveling
- Cost-effective
- Minimal Downtime
- High Build
- High Strength
- Low VOCs
- Variety of colors and sheens
- Applied over existing concrete



FOR PROFESSIONAL USE ONLY.



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LEVEL-IT™ GRIND, STAIN, AND SEAL

Westcoat's Level-It™ Grind, Stain, and Seal system provides an interior finished floor with the look and feel of stained and sealed concrete. It can be installed from 3/8 to 2 inches thick, then ground, stained, and sealed with a variety of colors and sheens. It features an optional concrete stain and can be sealed with a number of choices of Westcoat sealers that provide mar and chemical resistance. Its high compressive strength protects from different levels of foot and wheel traffic, depending on the sealers chosen. Level-It can be used as a self-leveling underlayment for Westcoat's Texture-Crete or Epoxy Coat systems or other flooring options such as hardwood, laminate, or carpet.

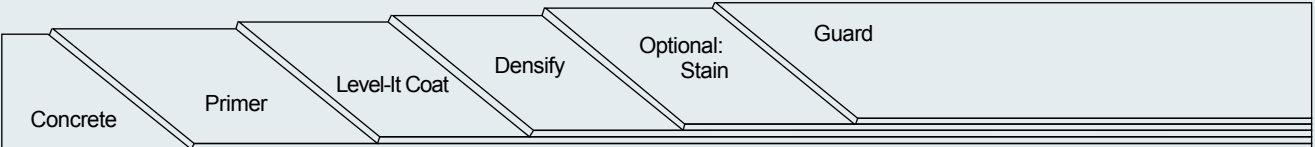
System Overview



LEVEL-IT™ POLISH

Westcoat's Level-It™ Polish system is an interior, cementitious, self-leveling flooring system that provides a finished floor with the look and feel of stained and polished concrete. It can be installed from 3/8 to 2 inches thick, then ground, stained, and polished with several options of colors and sheens to choose from. An optional concrete stain may also be applied to achieve a custom, modern, and decorative look.

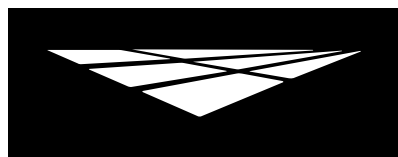
System Overview





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SYSTEM SPECIFICATION SHEET



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SYSTEM SPECIFICATION

TC

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Level-It™

Grind, Stain & Seal

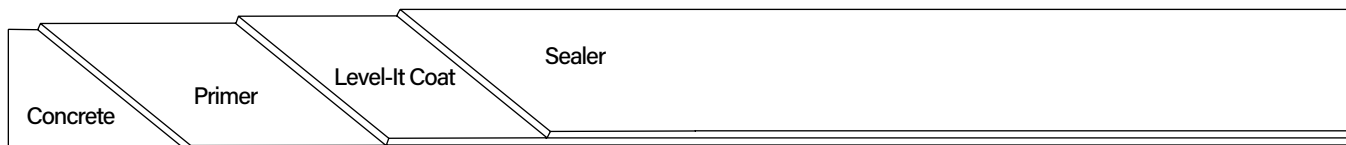
Description

Westcoat's Level-It™ Grind, Stain and Seal is an interior, self-leveling flooring system that provides a finished floor with the look and feel of stained and sealed concrete. It can be installed from 3/8 to 2 inches thick, then ground, stained and sealed with a variety of colors and sheens. Level-It™ Grind, Stain and Seal provides a high-build, quick drying solution for uneven interior floors or where existing concrete substrates may not be suitable for staining and sealing. Level-It™ Grind, Stain and Seal can be installed in both commercial and residential environments, features an optional concrete stain and can be sealed with a variety of Westcoat sealers that provide mar and chemical resistance.

Uses

Level-It™ is designed to transform rough, uneven or unattractive interior concrete into a decorative surface. For use over existing concrete substrates such as sun-rooms, interior floors, restaurant floors, offices and showrooms. Level-It™ can be installed in both the commercial and residential environments with foot and light wheel traffic. The standard sealer in this system is EC-11, which is suitable for light and medium duty traffic areas. Alternative sealer options EC-32 and SC-65 are suitable for medium duty traffic areas. For medium to heavy duty traffic areas, EC-95G or EC-95F may be used in lieu of EC-11.

System Overview



System Data

Coverages

Primer
Up to 3/4" thick: 120-160 ft² per gallon
Greater than 3/4" thick: 60-100 ft² per gallon

Level-It™ Coat
16 ft² at 3/8 inch
12 ft² at 1/2 inch
per batch

Fast Stain
300-500 ft²
per gallon

Sealer
400-600 ft²
per gallon

Components

[EC-72 Epoxy Patch Gel](#)
[EC-12 Epoxy Primer](#)
[TC-27 Level-It™ Cement](#)
[TC-29 Concrete Patch](#)
[SC-36 Fast Stain](#)
[EC-11 Water-Based Epoxy](#)

Shelf Life

2 years
2 years
6 months
1 year
5 years
3 years

Note: System components may vary, depending on desired result.

*** Must Mix TC-27 for a minimum of 3 minutes ***

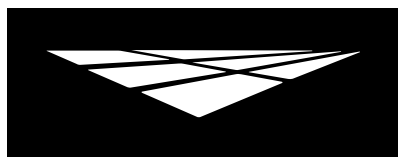
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**SYSTEM
SPECIFICATION**

TC

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Grind, Stain & Seal

Advantages

Minimal Downtime • Cost Effective • High Build • High Strength • Variety of Colors and Sheens • Low VOC's

Inspection

Concrete must be 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. The concrete should be porous and able to absorb water. 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.

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.

Preparation

Remove all coatings to a sound, concrete base. Prepare concrete to a profile equal to CSP 3-5 as specified by ICRI. Surface and environmental temperature should be between 50F degrees and 85F degrees.

Joints

All joints or moving cracks should be honored up through the TC-27 and treated with an appropriate compound that is designed for moving joints. Failure to properly address joints and moving cracks may cause the TC-27 to fracture or disbond from the substrate.

Crack Treatment

The treatment of dormant cracks can help minimize their appearance through the TC-27, but should movement occur, these cracks may return. Dormant cracks can be treated as follows. Cut out cracks and fill with EC-72 Epoxy Patch Gel. Broadcast #30 silica sand onto the wet epoxy to provide a rough surface for the TC-27 to bond.

Concrete Repair

For concrete that needs repairs beyond just dormant cracks, TC-23 Mortar Mix can be used. TC-23 is designed to be used as a general concrete repair mix for horizontal and vertical applications and can be used as a patching/underlayment material under most Westcoat systems. Please refer to the TC-23 Mortar Mix Product Specification Sheet for details.

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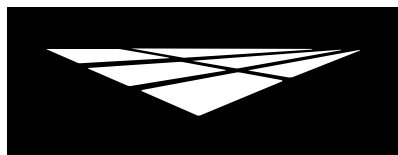


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Primer

Mix 2 parts A with 1 part B (by volume) of EC-12 Epoxy Primer together for 3-4 minutes with a low speed drill. Be sure to scrape the sides and bottom of the container during mixing. For applications up to $\frac{3}{4}$ inches thick, Immediately apply at a rate of 120-160 square feet per gallon using a trowel or squeegee and then back roll to ensure complete coverage. Promptly, broadcast the surface with #20 silica sand till refusal. This will aid in the adhesion of the Level-It™ Coat. For applications greater than $\frac{3}{4}$ inch thickness, it is recommended to apply the EC-12 at 60-100 square feet per gallon and broadcast the surface with #16 silica sand till refusal. Allow ~8 hours to dry (at 70F degrees) and then vacuum all excess sand. Ensure there are no bald or bare spots without sand, before proceeding with the application of the Level-It™ Coat.

Level-It™ Coat

Prior to application, acclimate material to 50-75F degrees before use. In a clean mixing vessel, add $4\frac{1}{4}$ to $4\frac{3}{4}$ quarts of potable water (DO NOT EXCEED $4\frac{3}{4}$ quarts of water), then slowly add (1) 60 pound bag of TC-27 and mix thoroughly using a helix/spiral mixing paddle (designed for use with Self-Leveling Cements) for a minimum of 3-5 minutes, ensuring a homogeneous mix is achieved. Do not overmix and avoid moving the mixing paddle excessively, as this can entrap air and may lead to pinholes in the TC-27. Cold water can be substituted in the mix to help extend working time in warmer temperatures. Multiple bag batches can be made if needed and can provide a more consistent result. If an integral color is desired, 1-4 ounces of TC-40 Liquid Colorant may be added to the water addition, prior to adding the TC-27.

Coverage

One 60 pound bag will cover ~16 ft² at $\frac{3}{8}$ inch or ~12 ft² at $\frac{1}{2}$ inch. Coverage will vary depending on use.

Applying Product

TC-27 can be installed from $\frac{3}{8}$ inches up to 2 inches thick. For foot traffic and light duty areas, apply at a minimum thickness of $\frac{3}{8}$ inch. For medium duty areas with heavier rubber-wheel traffic, apply at a minimum thickness of $\frac{1}{2}$ inch. The maximum thickness should not exceed 2 inches. After thoroughly mixing, pour material onto the substrate and place with a gauge rake to the desired elevation. After placing with a gauge rake, a spike roller can be used to help reduce entrapped air. Do not over work the spike roller. Finally, use a smoother to flatten and finish the surface. If a spike roller is used, a smoother must be used across the entire surface to eliminate discoloration caused by the spike roller. TC-27 has a flow life of 5-10 minutes (@ 70F degrees) and each mix should be tied in within 5 minutes. Always maintain a wet edge.

Level-It™ Coat Dry Time

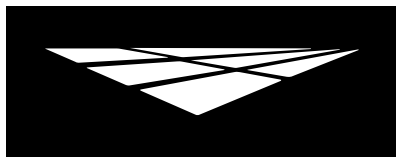
Light foot traffic may be permitted in 3 to 5 hours @ 70F degrees. Allow a minimum 24 hours before grinding. For best results, allow 72 hours before grinding. The surface should be protected from other trades, dirt and other foreign materials until final topcoat or sealer has fully cured. Do not permit forklifts, scissor lifts or other heavy loads for at least 48 hours. Dry time will vary depending on use and climate.

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Level-It™

Grind, Stain & Seal

Metal Bond Tooling - TC-27

After allowing the TC-27 to properly dry, proceed with an initial cut using 30/40 metal bond tooling. Next proceed with 60/80 metal bond tooling. Vacuum the surface entirely and ensure that any dust or contaminants are removed, as these will deter adhesion.

Patching

If pinholes or imperfections occur after the Level-It™ coat dries, fill them with TC-29 Concrete Patch. Mix 4 parts TC-29 with 1½ parts water with a mechanical mixer at a low rpm for 1-2 minutes. Apply TC-29 with a rubber float over pinholes or imperfections and let dry for 2-3 hours before grinding. Additional patching may be required after grinding. Be sure to vacuum thoroughly after grinding.

Metal Bond Tooling - TC-29

After the TC-29 has dried, proceed with a final pass using 60/80 metal bond tooling, to achieve a clean, uniform, porous surface that will allow the stain and sealer to soak in. Additional tooling and passes may be required, depending on the overall desired finish. Care should be taken to avoid grinding the surface too smooth, as this can prevent the stain and sealer from adhering.

Staining

For ease of mixing, begin by adding a small amount of acetone into the SC-36 Fast Stain powder container. Pour approximately 6 ounces of acetone into the half pint container of pre-measured Fast Stain powder (1 gallon unit) or 12 ounces of acetone into the pint container of pre-measured Fast Stain powder (5 gallon unit). Replace the lid and shake to dissolve the powder. Once powder has dissolved, place a funnel in the opening of the 1 or 5 gallon acetone and pour contents of first mix into remaining acetone. Shake entire mixture and let sit for 15 minutes, then shake again. Fast Stain is now ready to apply. Colors may be varied by adding more or less acetone. The coverage will vary depending on the surface and desired look, but typical coverage should be ~300-500 square feet per gallon mix.

SC-36 Fast Stain may be applied with a solvent safe pump or HVLP sprayer. Additional coats may be applied after first coat has dried for 10 to 20 minutes. Additional coats will produce a darker color. Multiple colors may be layered or sprayed at the same time to create a variegated finish. Be sure to paper off any areas that you do not want dyed. Allow stain to dry for 1 hour at 70F degrees before applying sealer.

Sealer

Mix EC-11 (2 parts A with 1 part B together) thoroughly, in a clean bucket. Mix slowly for 3-5 minutes, until completely combined. You may thin with up to 50% water. Immediately after mixing, spread a swath of material onto the surface along the edges, where it will be "cut in" using a brush. Pour the remaining material near the "cut in" and roll using a ¾ inch nap non-shedding roller. Apply at a rate of 400-600 square feet per gallon. Depending on the look, thickness, chemical and abrasion resistance desired, 1 to 2 coats may be applied.

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TC	TEXTURE COAT <small>DECORATIVE TEXTURED SURFACES</small>	<div> <div> Level-It™ </div> <div> Grind, Stain & Seal </div> </div>

Sealer Dry Time

You may re-coat as soon as the surface is dry to the touch or in approximately 4 hours, but no later than 24 hours. Light foot traffic may be permitted in 12 hours, normal traffic in 24 hours, heavy traffic in 48 hours and 5 days before vehicular traffic. Allow 72 hours before placing heavy objects on the surface and a minimum of 5 days to cure before exposing to moisture or cleaning agents. All times are based on average temperature of 70F degrees and 50% humidity. Cooler temperatures will increase drying time.

Clean Up

Uncured material can be removed with soap and warm water. If cured, material can be removed mechanically or with an environmentally-safe solvent.

Optional Materials

Primer Options

- EC-11 Water-Based Epoxy may be used in lieu of EC-12, when a water-based epoxy is required. Please note, EC-12 is highly recommended for improved adhesion and aesthetics.

Cement Options

- TC-23 Mortar Mix may be used as a general concrete repair mix for horizontal and vertical applications and can be used as a patching/underlayment material.
- TC-26 Cement may be used in lieu of TC-27 when a Gray Self Leveling Cement without aggregate look is desired. TC-26 may also be used with other aggregates like glass, shell, rock, etc, as needed.

Integral Coloring Options

- TC-40 Liquid Colorant may be added to the TC-27, when an integral color is desired. The typical amount is 1-4 ounces per 60 pound bag of cement, not to exceed 10 ounces.

Stain Options

- SC-37 Nano Stain may be used in lieu of SC-36 when a low odor, non-flammable stain is required. Be sure not to over apply the SC-37 or allow it to puddle. SC-37 should cure for at least 4 hours before sealing.

Sealer Options

- SC-65G WB Gloss Polyurethane Sealer, SC-65F WB Flat Polyurethane Sealer and SC-65SG WB Semi-Gloss Polyurethane Sealer can be used for a low odor, solvent free, mar and chemical resistant sealer.
- EC-32 Clear Epoxy Topcoat can be used in lieu of EC-11 when a 100% solids epoxy topcoat is required.
- EC-95G Gloss Polyurethane Topcoat can be used in lieu of EC-11 when a solvent-based polyurethane is required.
- EC-95F Flat Polyurethane Topcoat can be used over EC-95G Gloss when a low gloss, solvent-based polyurethane topcoat is required.

Skid Resistance

- CA-29 Mini Safe Grip, CA-30 Small Safe Grip or CA-31 Large Safe Grip can be added to the final coat of sealer for added skid resistance.
- 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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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 Level-It™ System should be inspected for wear every 2 to 4 years. The system should be resealed with the appropriate Westcoat clear sealer 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. Prolonged or repeated skin contact can cause slight skin irritation. Contains portland cement. Wear rubber gloves and eye protection. Avoid eye contact and prolonged contact with skin. Wash thoroughly after handling. If eye contact occurs, flush with water for 15 minutes. Call a physician immediately.

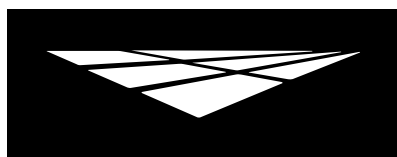
If using solvent based products, they are extremely flammable. Extinguish all pilot lights and sources of ignition such as electrical motors. Be sure to have adequate cross ventilation prior to installing.

Limitations

- This system is designed for professional use only.
- Read Product Specification Sheets for every product you will be using before beginning the project.
- All materials should be kept between 50°F-75°F.
- Do not apply at temperatures below 50°F or above 85°F.
- Temperatures should remain stable within 50°F and 85°F for at least 72 hours after installation of the TC-27.
- Not designed to be used for exterior applications or areas with constant water exposure.
- Use dustless equipment in well-ventilated areas.
- Level-It™ Grind, Stain & Seal is not recommended in locations where freezing temperatures may occur.
- Level-It™ Grind, Stain & Seal will produce a highly durable and hard surface, but damage can occur due to impact by metal objects, such as steel casters or wheels, metal equipment or nails projecting out of pallets.
- Westcoat cannot be responsible for issues related to improper joint treatment or cracks.
- Pinholes may occur due to substrate, temperatures, varied batches and application methods.
- Level-It™ Grind, Stain & Seal is designed to have a non-uniform appearance and variances in appearance should be expected.
- Cracking in cementitious overlays can occur and it is not possible to foresee the appearance of cracking in these non-structural slabs. Reflective cracking, map cracking, crazing or hairline cracking may occur. These types of cracking can occur due to numerous reasons, such as vibration, deflection, substrate movement, joints and cracks and rapid evaporation during curing.
- Do not allow Westcoat products to freeze.
- Must mix TC-27 material for a minimum of 3 minutes.

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SYSTEM SPECIFICATION

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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.

Technical Data

TC-27 Properties

Color	Gray
Grade of Sand	Course
Polymer Needed	No, just add water
Stampable	No
Indoor/Outdoor Use	Indoor
Tensile Strength ASTM C307	597
Compressive Strength ASTM 109M	4,500
Flexural Strength ASTM C580	2,294
Dry Time (hours)	1-4
Shelf Life	6 months

EC-11 Chemical Resistance

	Clear & Pigmented
Muriatic Acid (31.5% HCL)	2
Sulfuric Acid (50% H2SO4)	4
Sulfuric Acid (93% H2SO4)	1
Nitric Acid (10% HNO3)	2
Sodium Hydroxide (50% NaOH)	5
Bleach (sodium hypochlorite)	5
Vinegar (3-5% acetic acid)	2
Transmission Fluid	5
Gasoline	5
Brake Fluid	5
409 Surface Cleaner	5
Pine Sol Solution	5
Blood & Body Fluids	5
Iodine Solution	5
Mustard	5/5s
Ketchup	5/5
Red Wine	5/5
Acetone	4
Methyl Ethyl Ketone (MEK)	5
Xylene	5
Ethanol	5
Methanol	5

Key:

5 = Best (no effect)

4 = Softens (recovers)

3 = Softens (no recovery)

2 = Blistered (no recovery)

1 = Worst Destroyed

s = With Stain

* Contact time > 5hrs = 1

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CSI SPECIFICATION



SECTION 099726

CEMENTITIOUS COATINGS

PART 1 GENERAL

1.01 SUMMARY

- A. Section includes: Provide a complete interior self-leveling cementitious coating 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 cementitious coating system shall be manufactured and provided by a single manufacturer to ensure compatibility and proper bonding.
- B. Use adequate numbers of skilled workmen that are thoroughly trained and experienced in the necessary crafts, and are 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 three years experience installing cementitious 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 meeting before the start of surface preparation and the 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 Barrier 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 contaminants. Protect work areas from excessive dust and airborne contaminants 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 5 (five) years. 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 Level-It Grind, Stain and Seal System (no substitutions will be accepted): Smooth interior self-leveling flooring system that can be installed from 3/8 inch to 2 inches, then stained and sealed in a variety of finishes.

2.03 COMPONENTS

- A. Level-It Grind, Stain and Seal System: Stained and sealed self-leveling overlay.

1. Primer: Mix EC-12 Epoxy Primer 120-160 square feet per gallon. Broadcast the surface with 16 or 20 grit silica sand into wet primer.
2. Level-It Coat: Combine and mix one 60 pound bag of TC-27 Level-It Cement with 4 ¼ - 4 ¾ quarts of potable water.
3. Fast Stain: Combine 1 half pint container of SC-36 Fast Stain powder with 1 gallon of acetone. Apply at a rate of 300-500 square feet per gallon.
5. Sealer: EC-11 Water-Based Epoxy 400-600 square feet per gallon.

2.04 ACCESSORIES

A. Supplemental Materials:

1. Patching materials shall be EC-72 Epoxy Patch Gel.
2. Concrete repairs can be made with TC-23 Mortar Mix as needed.
3. If pinholes or imperfections occur after the Level-It™ coat dries, fill them with TC-29 Concrete Patch. Mix 4 parts TC-29 with 1½ parts water.
4. Optional aggregate shall be CA-30 Small Safe Grip, CA-31 Large Safe Grip, or other sand designed to meet the owners skid resistance requirements.
5. SC-37 Nano Stain may be used IN LIEU of SC-36 when a low odor, non-flammable stain is required. Be sure not to over apply the SC-37 or allow it to puddle.

Optional Topcoats

6. EC-32 Epoxy Topcoat may be used IN LIEU of the EC-11 when a two-component, 100% solids, high-build, high viscosity, cyclo-aliphatic, chemical resistant epoxy is required
7. SC-65G WB Gloss Polyurethane may be used IN LIEU of the EC-11 when a low odor, solvent free, mar and chemical/UV resistant gloss finish is required.
8. SC-65SG WB Semi-Gloss Polyurethane may be used IN LIEU of the EC-11 when a low odor, solvent free, mar and chemical/UV resistant semi-gloss finish is required.
9. SC-65F WB Flat Polyurethane may be used OVER the EC-11, SC-65G Gloss or SC-65SG Semi- Gloss when a low odor, solvent free, mar and chemical/UV resistant flat finish is required.
10. EC-95G Gloss Polyurethane may be used IN LIEU of the EC-11 when a chemical/UV resistant, solvent-based gloss finish is required.
11. EC-95F Flat Polyurethane may be used OVER the EC-32 or EC-95G when a chemical/UV resistant, solvent-based flat finish is required.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verification of Conditions.

1. Inspect all surfaces to receive cementitious coating. Verify that surfaces are dry, clean, and free of contaminants that would prevent flooring from properly adhering to the surface.
2. Conduct calcium chloride testing according to ASTM F1869.
3. 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. Create a surface profile equal to CSP 3-5 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 all 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 coverage.
- E. Adhere to all limitations, instructions, and cautions for cementitious 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 and finish of the system as work progresses.
- 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. Installation areas must be kept free from traffic and other trades during the application procedure and cure time.
- 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.
- E. Allow material to cure 12 hours before light pedestrian traffic is permitted, 24 hours before normal traffic and 48 hours before heavy traffic.

3.06 MAINTENANCE

- A. Contractor shall provide to owner, maintenance and cleaning instructions for the cementitious coating 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



APPLIED ON CONCRETE



Burnt Orange | 551



Brown | 552



Red Brown | 566



Yellow | 550



Green | 557



Sage Green | 568



Royal Blue | 567



Blue | 556



Purple | 554



Red | 558



Gray | 563



Black | 553



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



WARRANTY

WESTCOAT LEVEL-IT MATERIAL WARRANTY

Subject to the conditions, limitations and requirements set forth below, Westcoat warrants the Westcoat Level-It materials to be free of defects in the material for a period of five (5) years from the date of original purchase of the materials provided that the materials are installed by a factory trained state-licensed contractor enrolled in the Westcoat QCA program and subject to all terms and conditions set forth below. Westcoat disclaims any warranty for the labor or installation of the Level-It materials.

If the Westcoat Level-It materials fail due to defects within the warranty period, Westcoat, in its sole discretion, will either provide replacement materials for the defective Level-It 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 Level-It materials.

This warranty is limited to the original purchases and is non-transferable. This warranty is void if the Level-It 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 LEVEL-IT MATERIAL OR A PAYMENT BY THE MANUFACTURER IN AN AMOUNT EQUAL TO THE COST OF THE ORIGINAL LEVEL-IT MATERIAL.

The Westcoat Level-It system requires a maintenance topcoat with WESTCOAT ACRYLIC TOPCOAT (or Westcoat Sealer) specified by a factory representative, every three to five years (depending on ultraviolet exposure and/or traffic) as determined by a Westcoat QCA OR authorized inspector. Inspections are required one year after installation and every two years thereafter by a Westcoat QCA or an authorized inspector. 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 Level-It 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 Level-It 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.



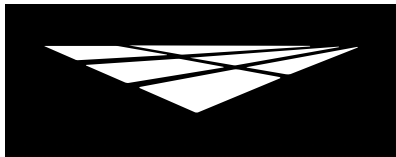
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GENERAL MAINTENANCE



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SPECIALTY COATING SYSTEMS

**CARE &
MAINTENANCE**

EXTERIOR COATINGS

Westcoat exterior coating systems (including systems such as ALX, ALX Pro, MACoat, Texture-Crete, etc.) offer durable, high-performance, long lasting surfaces that are designed to provide years of service against normal wear and usage. To extend the service life of your Westcoat system, it is recommended to implement a routine cleaning regimen and have periodic deck 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 regularly to maintain the surface.

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" or mild soap. Utilize a brush or broom to help agitate and loosen up dirt and debris. Ensure that the surface is thorinsed with clean water thoroughly. Do not allow cleaning agents to dry on the surface.

A low psi pressure washer (do not exceed 1000 psi) equipped with fan tip and/or a soft bristle floor scrubber brush on a floor machine may be used to help aid in cleaning. Do not use metal-based or coarse brushes as they may damage the surface.

To remove water stains from calcium or lime build up, 100 grain vinegar can be used. Start by diluting the vinegar, eight parts water to one part vinegar. If needed, you can use the vinegar diluted one to one with water. Avoid using neat or full strength 100 grain vinegar. Scrub the diluted vinegar mixture over the surface. Be sure to completely rinse any residue thoroughly with clean water. Avoid using vinegar mixture or any cleaner in direct sunlight, as direct sun may evaporate cleaning solution and may leave a film or residue on the surface.

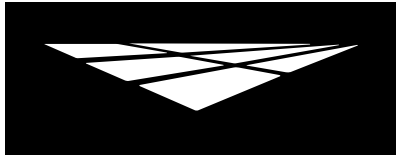
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General Maintenance EXT 8/22



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SPECIALTY COATING SYSTEMS

**CARE &
MAINTENANCE**

EXTERIOR COATINGS

Maintenance and Inspections

All exterior 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 lightly abraded 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 the system is fully cured.
- Outdoor carpet or other matting materials are not recommended, as they may trap moisture, contribute to mildew, mold, and may damage the topcoat or sealer.
- Potted plants and/or planter boxes should be elevated off the surface and moved monthly to allow the coating to dry properly. Planter drainage may cause staining due to fertilizers and growing mediums. Drip pans or saucers should be utilized.
- Outdoor furniture should have coasters or pads to prevent indentations and damage to the coating.
- If barbecues are to be used, it is recommended to place a protective pan down to prevent damage from hot grease or coals.
- Do not cut, slice, or puncture the coating system. This is especially true for all waterproofing systems, such as ALX, ALX Pro, and MACoat.
- Avoid dragging bulky metal, concrete, or other types of objects over the surface.
- Fire pits are not recommended for use with Westcoat coating systems.
- Do not expose the coating system to solvents, harsh chemicals, or acids.
- Avoid subjecting the coating system to repeated heavy rolling loads.
- Tape or other adhesives should not be applied to finished surfaces.

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