Description
Liquid Granite or Liquid Terrazzo are 100% solids epoxy, floor-coating system with color chips broadcasted into the pigmented EC-34 Epoxy Topcoat and sealed with EC-31 Epoxy Clear Topcoat. EC-95 Polyurethane Topcoat or EC-100 Polyurea Topcoat can be used as a chemical resistant final coat. 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. Liquid Granite or Liquid Terrazzo is 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.

Advantages
• Chemical Resistant
• Durable
• Decorative
• High Build
• Seamless
• Easy Clean-up

• USDA Compliant
• Choice of Colors
• Can be Installed Solvent Free

Packaging
EC-72 Epoxy Patch Gel (½ and 2 gallon kits)
EC-74 Epoxy Patch Paste (½ and 2 gallon kits)
EC-12 Epoxy Primer (1½ and 15 gallon kits)
EC-34 Epoxy Topcoat (Pigmented) (1½ and 15 gallon kits)
EC-31 Epoxy Clear Topcoat (1½ and 15 gallon kits)
TC-60 Color Chips (10 lbs bags and 55 lbs boxes)

Optional Materials
EC-100 Polyurea Topcoat (1½ and 15 gallon kits)
EC-11 Water-Based Epoxy (1½ and 15 gallon)
EC-95 Polyurethane Topcoat (1 and 10 gallon kits)

Note: System components may vary, depending on desired result. See Application section for options.

Caution: Approval and verification of proposed colors, textures, and slip resistance is recommended.

IN S P E C T I O N / P R E P A R A T I O N

Inspection
Concrete must be clean, dry, and free of grease, paint, oil, dust, curing agents, or any foreign material that will prevent proper adhesion. The concrete should be at least 2500 PSI and feel like 30 to 50 grit sandpaper. The concrete should be porous and be able to absorb water. A minimum of 28 days cured is required on all concrete. Prior to starting work, test existing concrete slab for efflorescence, moisture, and hydrostatic pressure.

Preparation
Pre-cut and clean all cracks and joints with a concrete diamond blade to at least ⅛ x ¼ inch. Prepare concrete to a profile equal to 30 or 50, grit sandpaper. You may mechanically profile by grinding, shot blasting, scarifying, or water blasting. Methods may vary according to the thickness of the coating to be applied, and the condition and hardness of the concrete. Other factors include the anticipated use of the surface and the environment in which it is to be installed. When preparing the surface use caution when shot blasting around pools, scarifying too aggressively, grinding marks or grinding too smooth.

Moisture
All concrete should be tested for moisture before applying a seamless coating. Water vapor transmission upwards through on-grade concrete slabs may result in loosening of epoxy floors or improper curing of epoxy materials. If moisture emissions exceed 4 lbs./1000 sq ft. contact the manufacturer before application.

A P P L I C A T I O N

Crack Filler
Mix 1 part A with 1 part B (by volume) of EC-72 Epoxy Patch Gel (or EC-74 Epoxy Patch Paste) for 3-4 minutes and apply to the crack using a trowel or putty knife. Patch all spalls and cracks with EC-72 or EC-74. The material may be slightly overfilled in the crack and sanded or ground smooth. If desired, use EC-72 or EC-74 to create cover radius at the wall to deck transition. Cove may be created using cove tool. (See complete EC-72 or EC-74 Epoxy Patch Product Specification Sheets).

Primer
Mix 2 parts A with 1 part B (by volume) of EC-12 Epoxy
Primer for 3-4 minutes. For best penetration into concrete, thin by adding 1-2 quarts of acetone to each 1 1/2 gallon kit. Thinned material must be applied at less than 5 mils (not allowed to puddle) to cure properly. Immediately apply at a rate of 250-300 (5-8 mils) 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. (See complete EC-12 Product Specification Sheet)

Broadcast Coat
Mix 2 parts A and 1 part B (by volume) of EC-34 Epoxy Topcoat and apply EC-34 at the rate of 175-225 square feet per gallon.
Granite Look: Broadcast premixed color chips into the EC-34 to refusal, until no shiny spots are evident, approximately 10 square feet per pound. After the EC-34 has cured, sweep excess chips and sand or scrape aggressively with drywall scraper. Sweep again and vacuum loose chips.
Terrazzo Look: Sprinkle premixed color chips into the wet base coat evenly, 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
Mix 2 parts A and 1 part B (by volume) of EC-31 Epoxy Clear Topcoat. Mix completely for 4-5 minutes and immediately get the mix onto the floor. Apply EC-31 Epoxy Clear Topcoat at approximately 200-250 square feet per gallon. Do not allow material to sit in the mixing bucket. After the topcoat has dried you may sand or scrape rough spots and apply a second coat of EC-31 at approximately 200-300 square feet per gallon.

Optional Material Use
• EC-11 May be Used as a Primer or as a Broadcast Coat
• EC-12 May be Broadcast with Paint Chips
• EC-95 May be Used Over EC-31 for Greater Chemical and UV Protection
• EC-100 May be Used in Place of EC-31 and EC-70 combined.

EC-95 Polyurethane Topcoat or EC-100 Polyurea Topcoat can be applied over the epoxy within 24 hours to improve chemical, abrasion, and UV resistance as well as gloss. When surface gets direct UV exposure, only a pigmented, Polyurethane will truly protect from the UV light. When a clear topcoat is desired, apply EC-100 in lieu of the epoxy topcoat EC-31 referred to in the previous section.

Recoating
If additional coats are desired, they must be applied within 24 hours, or the cured material must be sanded and wiped with acetone before application.

Protection of Finished Work
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.

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 that are coated with epoxy should clean up with a mild non-filming detergent. Be sure to rinse well. You may use Westcoast Degreaser diluted with 10 parts of warm water. Scrub with light bristle brush and rinse with clean water.
You may wax interior floors with Westcoast Liquid Floor Wax to renew the gloss if desired. If wax is applied, occasional stripping of the wax may be required.

LIMITATIONS
• Read individual Product Specification Sheet on each product prior to start of the project.
• Be sure to do adequate surface preparation.
• Be sure to measure and mix properly.
• This system is designed for professional use only.
• For interior use only, unless installed with a UV resistant coating such as EC-95 and EC-100.
• Heavier top coat may become slippery.
• Skid resistant additives are available.
• Thinly applied coatings may not hide crack patches, rough concrete or shot blast tracks.

• Test for moisture in concrete and vapor drive.
• Solvents may be required in cooler weather to low viscosity and increase coverage of 100% solid epoxy and polyurethane.
• Be aware of the pot life of mixed epoxy.
• Do not apply in temperatures below 50°F or temperatures above 95°F.
• Hot or Cold weather will effect dry times.
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. All epoxies have the potential of causing skin irritations or allergic reactions.

Be careful not to get on skin, clothes or in eyes. Gloves and respirators are strongly recommended. Avoid breathing vapors. If splashed in the eye, flush with warm water and contact a physician if blurring persists.

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.

TECHNICAL DATA

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*Properties determined after 7 days cure at C°