



**EC**

**EPOXY COAT**  
DURABLE RESINS & HARDENERS

## Liquid Dazzle<sup>®</sup>

### Description

Liquid Dazzle is a 100% solids epoxy floor coating system. It includes proprietary metallic additives in EC-38 Liquid Dazzle Epoxy that creates an evolving drift dynamic in this extraordinary floor coating system. Liquid Dazzle is a decorative, durable, mar and chemical resistant coating, available with a high gloss or satin finish.

### Uses

Liquid Dazzle is designed for use in hotels, casinos, showrooms, salons, restaurants, and residential floors. Liquid Dazzle is designed to be used on interior floors when a truly unique floor coating is desired.

### Advantages

- Decorative
- High Build
- Durable
- Seamless
- Unique Effects
- Variety of Colors
- Chemical Resistant
- Meets USDA Criteria

### Packaging

- EC-72 Epoxy Patch Gel (½ and 2 gallon kits)
- EC-12 Epoxy Primer (1½ gallon kits)
- EC-38 Liquid Dazzle Epoxy (1½ and 15 gallon kits)

## INSPECTION / PREPARATION

### 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 50 to 80 grit sandpaper. The concrete should be porous and able to absorb water. A minimum of 28 days cured is required on all concrete. Before starting flooring work, test existing concrete slab for efflorescence, moisture, and hydrostatic pressure.

### 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 5 lbs./1000 sq ft. contact the manufacturer before application.

### 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 50 to 80, 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 forecasted 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, leaving grinding marks or grinding too smooth.

Ensure that concrete is very level, any high or low spots will affect the final look of the Liquid Dazzle floor. Westcoat TC-25 or TC-26 may be used prior to the Dazzle coat to level the concrete.

## APPLICATION

### Crack Filler

Mix 1 part A with 1 part B (by volume) of EC-72 Epoxy Patch Gel for 3-4 minutes and apply to the crack using a trowel or putty knife. Patch all spalls and cracks with EC-72. The material may be slightly overfilled in the crack and 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 Dazzle System.

### Primer

Due to the transparency of the EC-38, the primer must be pigmented. For best results, choose a primer similar in color to the EC-38 color being used, refer to "Recommended Primer Colors" in this specification sheet. Choosing a lighter or darker primer may affect the final look.

Mix 2 parts A with 1 part B (by volume) EC-12 Epoxy Primer together for 3-4 minutes. 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.

For maximum penetration into the concrete, thin by adding 1-2 quarts of acetone to each 1½ gallon kit. Thinned material must be applied at no more than 5 mils (and not allowed to puddle) to cure properly.

A second coat of primer may be needed to completely seal the concrete to reduce the possibility of bubbling. Allow primer to cure a minimum of 12 hours at 70°F before applying Dazzle Coat.

## Dazzle Coat

Combine all of the A sides to ensure consistent color. Mix 2 parts A and 1 part B (by volume) of EC-38 for 4 to 5 minutes or until completely mixed. Immediately apply EC-38 with a 1/8 inch notched trowel being sure to get even coverage over the entire floor. Back roll the EC-38 with a loop roller to create an even look. To help reduce the possibility of bubbles you may use a porcupine roller at this stage of the application.

To avoid bubbles, best to apply EC-38 when temperature is dropping and in an area that is not in direct sunlight.

After loop and porcupine rolling the dynamic drift begins to change the look of the coating. Coverage of the EC-38 is approximately 50 square feet per gallon.

## Optional Materials

### Topcoat

•For a low-maintenance satin finish, apply SC-66 Satin Water-Based Polyurethane or EC-96 Satin Polyurethane over the EC-38.

- For increased gloss, apply SC-65 Water-Based Polyurethane or EC-95 Polyurethane over the EC-38.
- All sealers will affect final finishes, we recommend large format samples be created for approval prior to application.
- See Product Specification sheets for detailed instructions

## Recoating

If additional coats are desired, they must be applied within 24 hours. If after 24 hours, 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 or in the case of EC-11 or SC-66 it can be removed with water. If cured, material can only be removed mechanically or with an environmentally-safe solvent.

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## MAINTENANCE

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

The Liquid Dazzle 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 recoating instructions.

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## 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.

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.

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

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.

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## 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.
- Heavier top coat may become slippery.
- Skid resistant additives are available.
- Liquid Dazzle may not hide crack patches, rough concrete

- or shot blast tracks. Be sure to patch and prime until surface is smooth, even and very level.
- Test for moisture in concrete and vapor drive.
- Be aware of the pot life of mixed epoxy.
- Do not apply in temperatures below 50°F or temperatures above 90°F. Hot or Cold weather will effect dry times.
- Approval and verification of proposed colors, textures, and slip resistance is recommended.

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## 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.

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## RECOMMENDED PRIMER COLORS

Dazzle Color	First Choice	Second Choice
Bamboo	98 - White	27 - Deep Tan
Blush	98 - White	40 - Travatan
Cafe	34 - Tile Red	27 - Deep Tan
Chartreuse	98 - White	40 - Travatan
Graphite	12 - Pewter Gray	42 - Stone Gray
Jade	04 - Lawn Green	27 - Deep Tan
Marine	04 - Lawn Green	42 - Stone Gray
Pearl	98 - White	n/a
Pumpkin	98 - White	27 - Deep Tan
Royale	34 - Tile Red	42 - Stone Gray
Ruby	34 - Tile Red	76 - Mission Red
Sage	98 - White	40 - Travatan
Sapphire	14 - Slate Blue	42 - Stone Gray
Silver	41 - Cape Cod Gray	42 - Stone Gray
Sunset	76 - Mission Red	27 - Deep Tan
Taupe	98 - White	26 - Rocky Nook
Topaz	98 - White	14 - Slate Blue
Turquoise	98 - White	40 - Travatan



**westcoat**

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