

# STEP 1



PRODUCT DATA SHEET

## EHS-265 Hydro-Seal Epoxy Primer

### Key Features

- Low odor, fast drying primer
- Fantastic penetration of properly prepared concrete
- Eco-friendly

### Application

#### PRODUCT DESCRIPTION

Step 1 (EHS-265) is the first product to use for an IPOXI floor. It is great. It will prime your floor.

#### SUBFLOOR EXAMINATION

Do not apply the product to a visibly damp surface. Prior to installation, the subfloor must be checked according to applicable installation guidelines.

We recommend performing a moisture test prior to installing your IPOXI kit. To test for moisture, cut an 18" x 18" square of 4 mm plastic and tape all four sides to the concrete. After 24 hours, remove the plastic square and look for signs of moisture (darkening of the slab, water droplets on the contact side of the plastic. If moisture is present, it may indicate a compromised or missing vapor barrier. Please contact us for assistance.

#### SUBFLOOR PREPARATION

Floors should be cleaned and texturized by mechanical means (Review the detailed floor prep options on [www.ipoxifloors.com](http://www.ipoxifloors.com)).

Test the floors porosity by sprinkling water on the surface. If the water is absorbed within 1 minute, porosity has been reached. The extent of subfloor preparation can only be determined at the site by the customer. Clean the surface with a shop vacuum cleaner, making sure to get in edges and corners well. Wipe the floor with a damp microfiber mop before application. Cracks and gaps should be treated prior to application with Concrete Crack Fill product (CCF-40).

#### MIXING

Pour all of Part A and Part B of the material labeled Step 1 (EHS-265) into one of the provided buckets and mix both components with a mixing paddle for at least 3 minutes. Use an electric drill with less than 300 rpm until an even color is reached. Avoid air entrapment by mixing slowly. Make sure to mix along the wall and bottom of the container as well. The temperature of both components should be at least 50°F before mixing.

#### INSTALLATION

Mix pail according to mixing instructions. Apply coating undiluted with an approved applicator. Make sure the coating is spread evenly and up to the perimeters. The spread rate is critical for a successful installation. Do not exceed the minimum or maximum coverage.

#### STORAGE

Protect product from freezing. Recommended minimum temperatures are 35°F for transportation and 40°F for storage. Do not stir the product if frozen, allow it to thaw completely.

## Properties

Approved Subfloors	Concrete Slabs
Pot Life	45 minutes @ 70°F
Packaging Size	Part A - 0.75 qt plastic jug Part B - 2.25 qt plastic jug
Approved Applicator	Roller or Paint brush
Drying Time	2 hours or until clear
Temperature Range during Installation	50° - 90°F
Relative Humidity Range during Installation	30% - 80%
Color	Resin - White Hardener - White

Mixing Ratio	1 Part A + 3 Parts B by weight 3 Part A + 10 Parts B by volume
Density	8.9 lbs/gal
Viscosity	Mixed: 400 cps
pH value of concrete	Resistant up to 14
Storage	Above 32°F, not freeze/ thaw stable
Shelf Life	42 months in original, unopened container
Transportation	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxide resin), 9, III

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# STEP 2

CCR-630 Quikote Epoxy Coating



PRODUCT DATA SHEET

## Key Features

- Low odor, fast drying tinted epoxy coating
- Water-based
- Long working time

## Application

### PRODUCT DESCRIPTION

Step 2 (CCR-630) is the second product to use for an IPOXI floor.

It is great. It will color your floor. It can stay open for a long time so you can take your time with this step.

### SUBFLOOR EXAMINATION

Check to make sure the primer coat (Step 1) is dry and sound before beginning Step 2.

### SUBFLOOR PREPARATION

Concrete should already be primed with Step 1 (EHS-265). The epoxy should be clear and dry before applying Step 2 (CCR-630).

### MIXING

Combine Part A and Part B in the Part B bucket and mix with the provided mixing paddle for at least 3 minutes. Use an electric drill with less than 300 rpm until an even gray color is reached. Avoid air entrapment by mixing slowly and using an appropriate mixing paddle. Be sure to mix along the wall and bottom of the container as well. The temperature of both components should be at least 50°F before mixing.

### INSTALLATION

Pour the mixed epoxy into roller tray. Apply the color coating in three-foot sections with a 9" roller. A paint brush is provided for the corners and a 4" roller for the edges of the walls. Make sure the coating is spread evenly and up to the perimeter. The concrete should be completely covered by the coating without leaving puddles or ridges.

After the first section has been rolled, toss the flakes into the air and let them settle on the wet epoxy. Repeat until the entire floor is coated and covered with flake. Once finished, wash the paint pan, mixing paddle, and roller frames with water. Dispose of the used roller covers and paint brush.

### STORAGE

Protect product from freezing. Recommended minimum temperatures are 35°F for transportation and 40°F for storage. Do not stir the product if frozen, allow it to thaw completely.

## Properties:

Approved Subfloors	Concrete Slabs
Pot Life	45 minutes @ 70°F
Packaging Size	Part A - 1 qt plastic jug Part B - 1 qt plastic jug
Approved Applicator	Roller or Paint brush
Drying Time	2 hours or until clear
Temperature Range during Installation	50° - 90°F
Relative Humidity Range during Installation	30% - 80%
Color	Resin - White Hardener - Grey

Mixing Ratio	1 Part A + 3.3 Part B by weight 1 Part A + 5 Part B by volume
Density	13.6 lbs/gal
Viscosity	Mixed: 800 cps
pH value of concrete	Resistant up to 14
Storage	Above 32°F, not freeze/ thaw stable
Shelf Life	42 months in original, unopened container
Transportation	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy resin), 9, III

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# STEP 3

UPS-670 Vari-Seal UV Sealer



PRODUCT DATA SHEET

## Key Features

- Two-part urethane clear coat
- UV and chemical resistant
- Seals and protects flooring

## Application

### PRODUCT DESCRIPTION

Step 3 (UPS-670) is the final product to use for an IPOXI floor.

It is great. It will seal and protect your floor. It is not only a sealer but also provides UV resistance, and harsh chemical resistance and can be cleaned and maintained for years to come.

### SUBFLOOR EXAMINATION

Check to make sure the floor is completely dry before beginning Step 3.

### SUBFLOOR PREPARATION

Sweep the excess flakes off the floor. Next, attach the provided sanding screen to the sanding block and extension pole. Sand over the flake to shave down any sharp edges. Once sanded, vacuum the entire floor, being sure to pay attention to remove loose flakes from the edges and corners.

### MIXING

Combine Part A with Part B into a provided bucket and mix with a mixing paddle for at least 3 minutes. Use an electric drill with less than 300 rpm until an even color is reached. Avoid air entrapment by mixing slowly. Let the mixed materials sit for 15 minutes. Mix again for 1 minute. Be sure to mix along the wall and bottom of the container as well. The temperature of both components should be at least 50°F before mixing.

### INSTALLATION

Pour mixed urethane into the paint tray. Apply Step 3 coating with the remaining 9" roller. Use the paint brush for the corners and the 4" roller along the walls. Make sure the coating is spread evenly and up to the perimeters. Do not leave puddles or ridges. The coating will be a milky white color while wet, but will be clear once fully dried.

### STORAGE

Protect product from freezing. Recommended minimum temperatures are 35°F for transportation and 40°F for storage. Do not stir the product if frozen, allow it to thaw completely.

## Properties

Approved Subfloors	Concrete Slabs
Pot Life	2 hours @ 70°F
Packaging Size	Part A - 2.5 qt plastic jug Part B - 0.5 qt plastic jug
Approved Applicator	Roller or Paint brush
Drying Time	2 - 12 hours
Temperature Range during Installation	50° - 90°F
Relative Humidity Range during Installation	30% - 80%
Color	Resin - Clear Hardener - Clear

Mixing Ratio	1 Part A + 5.4 Part B by weight 1 Part A + 5 Part B by volume
Density	8.77 lbs/gal
Viscosity	Mixed: 250 cps
pH value of concrete	Resistant up to 14
Storage	Above 32°F, not freeze/ thaw stable
Shelf Life	42 months in original, unopened container
Transportation	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy resin), 9, III

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# CCF-40

Concrete Crack Filler



PRODUCT DATA SHEET

## Key Features

- Permanently closes cracks in concrete
- Fast drying
- Low odor

## Application

### PRODUCT DESCRIPTION

CCF-40 is a pre-measured two-component filler used for the repair or filling of voids in the concrete substrate. Ideal for filling cracks in concrete subfloors of any width. Easy mixing and fast curing make it extremely easy to use.

### SUBFLOOR PREPARATION

We recommend filling cracks after the sanding/grinding has been completed and the floor has been well vacuumed. Be certain to vacuum out the concrete cracks before filling them. Use CCF-40 to fill cracks, spalls, and pops in the concrete.

### MIXING

Pour all of Part A into the bottle with Part B. Close the cap and shake for 15 seconds. Do not stir. Partial bottles can be mixed in a separate, empty container in a 1:1 mix ratio. Once mixed, the crack filler must be used immediately. It cures extremely fast so make sure you allow for this when deciding on the quantity of kits needed. Refrigerating the bottles overnight before mixing will extend your working time.

### INSTALLATION

Cut part of the plastic cap off to use mixture. Pour the CCF-40 into the crack and smooth out the surface with a flat trowel or putty knife. Do not leave any ridges as it can show through the final flooring.

### STORAGE

Protect product from freezing. Recommended minimum temperatures are 35°F for transportation and 40°F for storage. Do not stir the product if frozen, allow it to thaw completely.

## Properties

Approved Subfloors	Concrete Slabs
Pot Life	10 minutes @ 70°F
Packaging Size	Part A - 5 oz bottle Part B - 5 oz bottle
Approved Applicator	Putty knife or flat trowel
Drying Time	Approx. 30 minutes
Temperature Range during Installation	50° - 90°F
Relative Humidity Range during Installation	20% - 90%

Color	Resin - Yellow Hardener - Brown
Mixing Ratio	1 Part A + 5.4 Part B by weight 1 Part A + 5 Part B by volume
Density	8.77 lbs/gal
Viscosity	Mixed: 250 cps
pH value of concrete	Resistant up to 14
Storage	Above 32°F, not freeze/ thaw stable
Shelf Life	12 Months in original, unopened container

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# FLAKE



PRODUCT DATA SHEET

25 lbs of 1/4"

## Key Features

- Flake texture provides anti-slip qualities
- Colorfast, UV stable pigments
- Showroom quality floors made easy

## Application

### PRODUCT DESCRIPTION

IPOXI Color Flakes are composed of water-based resin materials containing additives and pigments. They add color, design, and durability to the flooring system.

High-performance flooring systems create seamless surfaces that are extremely durable and easy to maintain. The non-porous surface makes spills easy to clean and provides superior protection against the growth of mold and bacteria compared to tile and grout options.

The flake is available in 1/4" and three color options.

### LIMITATIONS

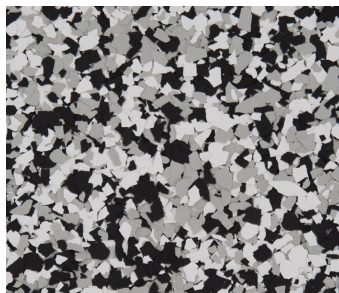
FLAKE are random in shape to provide optimal aesthetics.

The colorfast pigments used are UV stable, however, the specifications for the UV stability and environmental durability of your coating system will determine outdoor suitability.

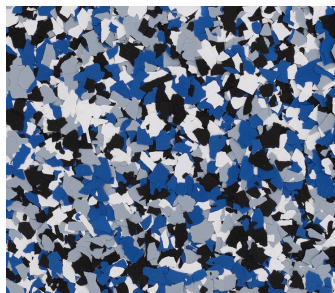
Due to inherent product characteristics, a small amount of finer particles will be present within each box.

### STORAGE

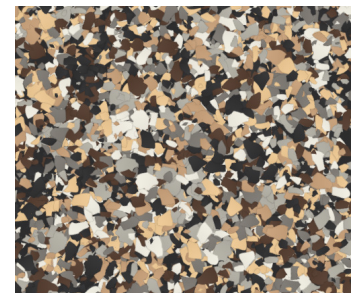
Store FLAKE in an air tight poly-bag in a dry environment at room temperature to avoid moisture, humidity, and product damage.



YOSEMITE



DENALI



CANYON