

APPLICATION GUIDE



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STAINED FLOORS

This document describes the application instructions for applying the Stained Concrete Coating System with the Clear Concrete Coating System over the top using the following products from DIY Garage Floors.

REQUIRED PRODUCTS

DGF-900 Concrete Stain

DGF-500 Clear Acrylic Sealer 5 gallons

Coat	Product	ft ² /gal.	WFT
Stain Coat	DGF-900 Concrete Stain	200-800 ft ² /gal.	1-5 mL
Base Coat	DGF-500 Clear Acrylic Sealer	250-300 ft ² /gal.	4 mL
Top Coat	DGF-500 Clear Acrylic Sealer	250-300 ft ² /gal.	4 mL

CONCRETE ASSESSMENT

Moisture Content:

A dry concrete slab is required for this system. Testing for moisture should be done with either a Calcium Chloride test. A Calcium Chloride test should have a moisture vapor transmission lower than 9 lbs./1000 ft²/24 hours. If the moisture content is higher than this reading please consult a professional.

Hardness:

A concrete slab of at least a minor hardness is required for this system. Test the concrete hardness with a Mohs Hardness Kit. The concrete should show a hardness of a 3 or higher to properly accept this system.

Other Conditions:

Concrete must be structurally sound, and reasonably free from oil, grease, silicones, and other contaminants. Green slabs must have cured for at least 28 days prior to coating.

Temperature: TEMPERATURE MUST BE ABOVE 55° FAHRENHEIT AND BELOW 95° FAHRENHEIT.

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Preparation

Clean the concrete thoroughly. First sweep and then blow any remaining dust off the concrete using a high velocity leaf blower. Next scrub the concrete with Simple Green and water. Thoroughly rinse and let dry for 24 hours.

MIXING THE DGF-900 CONCRETE STAIN

Take the 6 ounce bottle of DGF-900 Concrete Stain and mix it with 1 gallon of **DISTILLED OR PURIFIED WATER**. Mix thoroughly and let sit for 24 hours. Mix thoroughly again before applying.

APPLYING THE DGF-900 CONCRETE STAIN

Pour the gallon of mixed stain into a spray bottle or pump sprayer. The sprayer needs to have the ability to spray in a cone shape. Spray the stain over the surface. You can vary the amount of stain to produce darker and lighter areas. This is an artistic process and areas with more stain will be darker and areas with less will be lighter. You can also go over the floor with a roller once the stain is applied to make it more even. Be careful of this process because you can leave roller marks.

Using a chip brush Sealer all edges of your concrete to a width of 2-3 inches.

Pour the DGF-500 Clear Acrylic Sealer into a Sealer tray of the appropriate size for either a 9" or 18" 3/8" nap roller. Wet your roller with the Sealer and then roll out on the concrete covering approximately 250 to 300 square feet per gallon. Roll out evenly and then back roll it by rolling your Sealer roller over the entire floor going from side to side. Each new roll should cover half of the last roll.

APPLYING THE DGF-500 CLEAR ACRYLIC SEALER

Let the stain dry from 1 to 4 hours or until dry to the touch.

Using a chip brush Sealer all edges of your concrete with the Clear Acrylic Sealer to a width of 2-3 inches out from the wall or other areas.

Pour the DGF-500 Clear Acrylic Sealer into a Sealer tray of the appropriate size for either a 9" or 18" 3/8" nap roller. Wet your

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roller with the Sealer and then roll out on the concrete covering approximately 250 to 300 square feet per gallon. Roll out evenly and then back roll it by rolling your Sealer roller over the entire floor going from side to side. Each new roll should cover half of the last roll.

DGF-500 CLEAR ACRYLIC SEALER TOP COAT

Let dry for 1 to 8 hours or until dry to the touch. Then apply the DGF-500 Clear Acrylic Top Coat in the same manner as the Base Coat.

URETHANE TOP COAT

It is **HIGHLY RECOMMENDED** that you use the DGF-300 Clear Urethane top coat over the acrylic. If you do this you can skip the second coat of DGF-500. Please see the application guide for the "Protective Top Coat."

RECOAT WINDOW

ALL COATS MUST BE LAID DOWN WITHIN 24 HOURS OF THE PREVIOUS COAT.

CLEANUP OF DGF-900 CONCRETE STAIN

Use Water for cleanup.

CLEANUP OF DGF-500 CLEAR ACRYLIC SEALER

Use Water for cleanup.