

## ColorFlake 1100™ Designer Coat

### APPLICATION GUIDE

This guide provides a description of the tools that are needed for applications as well as step by step instructions on how to properly apply the Primer. Our product is unique, and it is important that it is handled accordingly. Refer to the Data Sheets and ensure all instructions, including safety instructions have been read and understood prior to application. Reach out to InduraFloor with questions.

*The maximum benefits of InduraFloor Products, with its unique adhesion and protection properties and guaranteed Zero Failures are only achievable when the installation instructions are strictly followed. Failure to follow all application instructions will void the warranty. InduraFloor will not support any attempt to alter the procedure in any way, and doing so will void all warranties.*

If you have questions or would like to review special application conditions, please call us, and an InduraFloor Specialist will review your site conditions and the desired application with you. We are confident that you can use our product in any given situation, as long as you let us help you ensure success by reviewing it with us first.



### General Notes for project planning of the application of our ColorFlake 1100™ Designer Coat

Optimal application temperatures are between 60°F and 80°F (15.5°C and 27°C) for both ambient and surface temperature. **Applications outside this range, even below 41°F are achievable. Consult with an InduraFloor Specialist for instructions.**

#### Coverages:

- 600 sq/ft/gallon on flat even surface with few to no defects @ 4~6 mils
- 350 sq/ft/gallon on uneven surface @ 10~12 mils

#### Timing (\*):

- **Pot Life:** 50-60 minutes
- **Tack-Free (\*\*)** Time: 120 minutes (Apply subsequent coats after approx. 90 minutes)
- **Dry Time:** 180 minutes

(\*) Actual dry time depends on thickness applied, surface temperature, ambient temperature, and whether backrolled extensively.

(\*\*) tack free is when surface is still wet and sticky but when you touch the applied coat and apply moderate pressure it should leave no resin on your finger.

- ▽ Recoat time is 24 hours. After 24 hours, you must perform a light acetone wetting of the surface prior to recoating. Acetone wetting both eliminates any dust settling and reactivates the surface for maximum adhesion bonding.
- ▽ InduraFloor System's primary purpose is superior adhesion to the surface. Proper application will result in adhesion over 1,100 PSI. The same strength and test results have been achieved in wet application conditions.
- ▽ ColorFlake can be applied over existing substrate with minimal prep (see step 1) and cures when wet.
- ▽ DO NOT ALTER (thin, thicken or otherwise adjust) THE VISCOSITY IN ANY WAY. If you choose to disregard this, please note that alterations are identifiable with a micrometer viewing in the event of any concerns or issues. Alterations of the product void the warranty.

## Tools Needed (Available at Home Depot or other Home Improvement Stores)

Acetone for wetting surface and cleaning of tools— Approx. 5 Gallons  
Solvent-Resistant (important!) pressure sprayer  
Terry Towels  
Broom + Dustpan  
Leaf Blower or Floor Blower Fan (recommended)  
Garbage Bags  
Garbage Pail



Small 4 Inch or 6 Inch Mini Rollers (For Cutting In)  
2 Inch Chip Brush

Husky 23 Inch Steel Spiral Mixer – 5 Gallon Size for 2" hole  
Standard Drill with chuck (NOTE: *for mixing Epoxy EXCLUSIVELY*)

5-gallon pail - additional (mixing pail is supplied with the kit)

5-gallon Steel Paint screen – for Screening Paint Roller in 5-gallon bucket

Latex-ite 18 Inch Driveway Squeegee (*for subsequent coats and topcoat only*)

1x box Plastic Gloves

1x pair Epoxy Spiked Shoes (recommended)

Stir Paint Sticks

4-gallon size

2x 5-gallon size

1x Paint Roller Handle 9-inch *with extension pole*

2x9" Inch Adhesive Epoxy Roller, 1/4" Nap (Or Equivalent)



You *will* need a roller handle with the metal control tabs, don't try to save money here, you will lose.

## Application Instructions for ColorFlake 1100™ Designer Coat on Flat, Solid Even Surfaces

The purpose of this coat is to maximize the moisture and vapor barrier whilst providing a color fast fine-finished look even in areas where moisture is prevalent due to hydrostatic pressure, calcium carbonate deposits, or beading moisture on the surface; instances which would typically lead to product failures, loss of adhesion and delamination but where ColorFlake 1100™ forms an impermeable barrier whilst providing a designer surface.

### 1. IF USED AS A DESIGNER COAT on top of a primed surface – GO DIRECTLY TO STEP 2

IF USED AS STANDALONE PRODUCT: **CLEAN**

- Dry sweep and remove all loose debris. Wipe clean with clean water and wash down if required.
- Dry as needed. The use of leaf blower or floor blower fan is recommended here.
- Follow with acetone wetting. Mist acetone on the substrate with solvent resistant sprayer.



**IMPORTANT:** Acetone treatment is needed to maximize the performance of the product, to ensure maximum adhesion and to guarantee it does not delaminate.

*Note: Acetone removes oils, contaminants, and dust debris from the surface as well as in the pores of the substrate*

### 2. MIX

- If color is not ordered premixed into product, add color to part A first.
- Thoroughly mix each component individually **FIRST**, then gently blend Part A with Part B at a 1:1 ratio using a low RPM mixer with the specified mixing blade.
- Gently blend, for about 30 seconds, until product is evenly colored.



**IMPORTANT: IF APPLIED AS DESIGNER COAT OVER PRIMER:** Check the application instruction sheet and Data Sheets of your Primer to ensure you know:

- when you can start applying the TopCoat (“recoat time” and “tack free dry time” and “subsequent coat application time”)
- the product limitations of this product
- the product specifications of the previously applied coats (“pot time” and “recoat max time”).

**IMPORTANT:** The Product mix is to **REMAIN** in the Pail during Application.

*Note: For 9 Inch rollers use 5 Gallon Bucket. Place the container on a caddy or furniture dolly for mobility.*

### 3. WAIT

- After blending, let the mixture rest for 5 minutes. This period is called induction time.

**IMPORTANT:** Failure to adhere to induction time period will void the warranty.

*Note: colder temperatures require a longer induction time.*



### 4. APPLY

- Dip the roller into the bucket.
- Screen the roller off on the grid to remove excess product.
- Apply the product onto the surface with the specified roller – it will have a translucent appearance



**IMPORTANT: WARNING – DO NOT** pour out the mixture onto the floor.

**DO NOT** use a squeegee. Failure to adhere to these application instructions voids the warranty.

*Note: Extensive back rolling whilst applying the appropriate applied pressure will ensure optimal product penetration and adhesion.*

## 5. DRY

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- Allow the coat to become tack free before applying subsequent coat.

**IMPORTANT:** On average this takes 90 minutes, but it can be as little as 40 minutes if backrolled extensively. Dry time also varies based on the ambient temperature and humidity.

*Note: tack free is when surface is still wet and sticky but when you touch the applied coat and apply moderate pressure it should leave no resin on your finger.*



## 6. REPEAT

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- Apply subsequent coats. Repeat steps 4 and 5 until 4~6 mils of coverage is achieved. If the designer coat is used as a flake base to broadcast into, broadcast into the second coat only. Broadcasting will take place as you go.

**IMPORTANT:** You will get area coverage of 600 sq/ft/gallon on a flat even surface at an application of 4~6 mils. If you do not get this coverage, the product is not applied correctly.

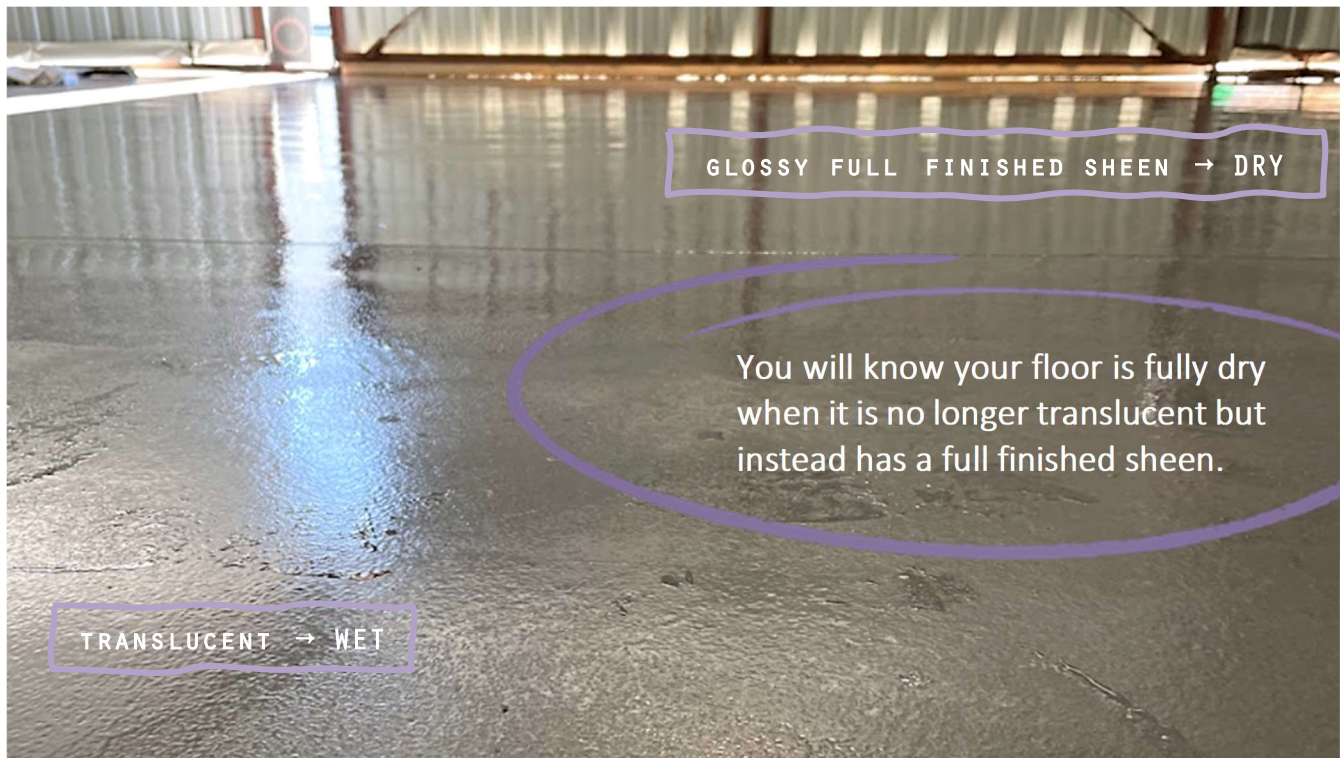
*Note: for comparison: a credit card is 30 mils thick. A 'mil' is one-thousandth of an inch.*



## 7. ENJOY

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- You will know the surface is fully dry when it is no longer translucent



Disclaimer This information is presented herein was believed by InduraFloor to be accurate at the time of preparation, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. All products supplied by InduraFloor are subject to InduraFloor's terms and conditions. InduraFloor makes no warranty, express or implied, concerning the product or merchantability or fitness thereof for any purpose or concerning the accuracy of any information provided by InduraFloor except that the product shall conform to InduraFloor's specifications. Safety information provided is generated for the purpose of distributing known health, safety and environmental information and is designed only as a guidance for safe handling, use, storage, transportation, and disposal and is not to be considered a warranty or quality specification.