



TECHNICAL DATA SHEET Decorative Finish for Concrete Floors

PRODUCT DESCRIPTION

SkimStone is a two-component trowel applied cementitious decorative coating for existing concrete floors. The acrylic based Type I Solution is tinted using SkimStone ColorPaks, which can be added at varying strengths or combined to produce unique colors. The tinted Type I Solution is mixed with SkimStone White Powder to achieve the recommended viscosity. A basic three-coat application produces a unique textured appearance. SkimStone is sealed with SkimStone Protective Sealer, a 100% urethane waterborne sealer.

APPEARANCE

A trowel applied SkimStone application produces a unique organic appearance with depth of texture.

SURFACE PREPARATION

All concrete surfaces must be clean and free of all loose material (dirt and debris), oil, grease, glues or other contaminants. Previously sealed or painted concrete must be returned to bare concrete by mechanical grinding or shot blasting. To ensure adhesion on extremely smooth or slick concrete, surface texture (profile) created by mechanical abrasion is recommended. New concrete should be allowed to age at least three months prior to applying SkimStone. The concrete surface must be completely dry.

TINTING

SkimStone is tinted using SkimStone ColorPaks. These lead-free industrial grade acrylic colorants provide excellent color stability and fade resistance. Up to 8 ounces of ColorPak may be used to tint each gallon of Type I Solution. Note: Colors will appear different in the mixing bucket or when left unsealed when compared to the finished, sealed application.

MIXING

When mixing SkimStone, it is important to tint the amount of Type I Solution needed for the coat to be applied *prior* to adding the powder. SkimStone may be mixed either by hand or by using a mixing device such as an attachment for an electric drill. It is critical that both the ColorPak and powder are mixed completely into the Type I Solution until the mixture is smooth and free of lumps. The recommended consistency of the mixture will vary depending on the roughness of the substrate -- the rougher the substrate, the thicker the mixture. (See Coverage Chart) Stir mixture periodically during application to ensure even color.

APPLICATION

SkimStone is typically applied using a straight edged metal finishing trowel. Other trowels may be substituted and will render different appearances in the final product based on their size and shape. When applying SkimStone, it is important to hold the trowel at an angle so that only one edge is touching the floor. Apply using broad, sweeping, even strokes. As SkimStone dries it will be possible to see these strokes, so a determination in terms of workflow direction should be made prior to applying any subsequent coats.

DRYING TIME

Typical dry time is 30 minutes to 2 hours per coat, depending on temperature, humidity, and application thickness. Allow 8 hours or overnight dry before applying SkimStone Protective Sealer.

SEALING

SkimStone Protective Sealer is an easy to use 100% urethane waterborne sealer, designed for both interior and exterior applications. When used on interior surfaces, 4-5 coats are recommended for maximum sheen and protection. However, when used on exterior surfaces no more than two thin coats of sealer should be used to allow the concrete to breathe.

COVERAGE

Coverage varies from 400 -1200 ft² per gallon of Type I Solution depending on the roughness of the substrate. Protective Sealer coverage is up to 1600 ft² per gallon based on application technique and porosity of surface.

CLEANUP

Equipment and tools can be cleaned with water immediately after use. Dried material may be scraped or removed by sanding.

MAINTENANCE

Allow 24 hours to dry before permitting light foot traffic or moving in furniture. Maximum hardness of the Protective Sealer will be achieved in 7-10 days. Use floors with care during this period. Avoid contact with water. Do not cover with rugs and avoid sliding furniture across surface. Maintain by regular sweeping and vacuuming. Immediately wipe up spills with damp rag. Clean sealed surface with SkimStone Cleaner as needed. Use protective felt pads on furniture legs to protect from scratching.

APPLICATION PRECAUTIONS

- Always add the Powder to the colored Type I Solution. Doing the reverse will cause the material to become hard and unworkable.
- Use Type I Solution for thinning mixture. Do NOT thin with water.
- Do not exceed colorant tinting ratio of 8 oz per gallon of Type I Solution.
- Do not topcoat with waterbase acrylic sealers or finishes.
- Not recommended over silicone-based stains or sealers, even after removal.
- Not recommended over floors where previous coatings have been removed by acid etching.

SAFETY PRECAUTIONS

- Always wear a dust mask when working with the powder and sanding or abrading the surface.
- Wear protective eyewear to avoid accidental contact with eyes.
- Wear gloves when working with or handling SkimStone.

HELPFUL TIPS

- Make a basecoat for large, uneven surfaces. First, mix 2 parts sand (70 mesh) to 1 part SkimStone Powder. Then mix this dry blend with the Type I Solution at a ratio of 2½ parts dry to 1 part liquid.
- You want the concrete or basecoat to show through in places on the first coat. This helps to achieve the appearance of texture when the second and third coats are applied.
- To keep the application very thin, increase the pressure and the angle of the trowel.
- Pouring too much mixture on the surface can make it difficult to apply in a thin coat. Start with a cup or less and increase or decrease the amount to fit your level of comfort.
- You can save the SkimStone mixture overnight by pouring (floating) approximately 1 oz of colored Type I solution over the top. Place a layer of plastic wrap directly on the surface of the mixture to restrict contact with air. Cover container with aluminum foil and refrigerate. Overnight, SkimStone may become thick. Mixing will regain the appropriate consistency. Be sure to label and keep out of the reach of children!
- If you're applying SkimStone to a large area, a pair of kneepads is recommended.

PHYSICAL PROPERTIES

Product	Component	VOC	Viscosity	Wt/Gal	Freeze/Thaw Stable
Powder	Proprietary blend with Portland Cement	N/A	N/A	5.9	N/A
Type I Solution	Acrylic Emulsion Blend	<2 g/l	10 cps	8.53	Yes
Protective Sealer	Urethane Blend	<120g/l	50 cps	8.45	Yes
ColorPaks	Lead-Free Acrylic	<330g/l	>80KU	9.2-15.6	Yes

DOT CLASS / SHIPPING INFORMATION

Powder:	Case: 32 lbs. Pail: 32 lbs. Not Regulated
Type I Solution:	Case: 36 lbs. Pail: 45 lbs. W/B Paint – Not Regulated (Keep from Freezing)
Protective Sealer:	Case (Gals): 54 lbs. W/B Paint – Not Regulated (Keep from Freezing)
ColorPaks:	W/B – Not Regulated (Keep from Freezing)

WARRANTY

We guarantee that our products, in their original sealed containers, will be free of defects and conform to Rudd Company quality control specifications. We assume no responsibility for risks or liabilities resulting from the use or performance of this product since conditions of application are beyond our control.

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