



SKIMSTONE FLOOR PREPARATION GUIDE

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 White Powder is mixed with the tinted Type I Solution 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.

CONCRETE SURFACES

SkimStone is specifically formulated for applications over concrete. Concrete floors must be properly prepared to ensure maximum adhesion. A properly prepared concrete floor must be cured a minimum of 30 days, structurally sound, free of any contaminants and allow for the absorption of SkimStone.

SKIMSTONE ADHESION

To ensure proper adhesion of SkimStone to a concrete surface the surface must be free of surface sealants or contaminants, have surface texture and be absorbent. These three factors each contribute to the mechanical and chemical bonding of the SkimStone to the concrete surface. If a concrete surface is not properly prepared, one or more of these adhesion mechanisms may be compromised, potentially resulting in adhesion problems.

REMOVING CONTAMINATES

If your concrete surface has a coating or other contaminate, we recommend grinding and/or sandblasting for removal. This will help ensure the necessary adhesion of SkimStone to your concrete. Using chemical strippers, scraping or acid etching is not recommended. These products and methods may fail to remove the coating or contaminants from the pores in the concrete, leave a residue behind or lower the integrity of your concrete floor, potentially affecting SkimStone adhesion. Typical contaminants include, but are not limited to, curing compounds, hardeners, efflorescence, glues, sealers, waxes, paint, oil, dirt, water repellents, caulk, mastics, grease, silicone based products and other concrete treatments.

SURFACE TEXTURE

A very smooth or polished surface should be ground to provide surface texture. This can be achieved via grinding and/or sandblasting. Acid or chemical etching is not recommended; any chemicals left behind may react adversely with the SkimStone product resulting in poor adhesion.

WATER TESTING

After preparing the concrete for SkimStone, test the absorbance of the concrete. Pour approximately 1 tablespoon of water on the surface. If the concrete changes color and absorbs the water, it will accept SkimStone. If the water is slow to absorb into the concrete, absorbs in some areas or does not absorb at all, additional preparation of the floor is necessary.

FINAL PREPARATION

After the concrete has been prepared and passed the absorbance test, a sweeping and mopping (with water) of the floor will remove any dirt or residue left behind. You are now ready to apply SkimStone.

SURFACES OTHER THAN CONCRETE

SkimStone is not recommended for floor surfaces other than concrete. Some non-porous hard surfaces, such as ceramic tile, may be acceptable with the use of Bonding Primer (see product datasheet for more information). Applications over surfaces other than concrete have no guarantee of success, and all risk is assumed by the installer.