

Acrylic Primer for Anti-Slip Coatings

Water-Based Primer for Acrylic Floor and Deck Coatings

Product Description

Randolph Products Acrylic Primer is a single component zero VOC water-based acrylic primer that is designed to increase adhesion of RP-75 anti-slip floor coating to asphalt, wood and concrete surfaces.

This primer is easy to apply and offers excellent adhesion.

It has been formulated to meet the strict requirements of South Coast Air Quality Management District Rule 1113.

Surface Preparation

Concrete: New concrete should be cured for at least 30 days prior to application. After proper curing, remove all contaminants such as laitance, curing membranes, surface hardeners, greases and oils as they may interfere with adhesion. Remove oil, grease, dirt, or other surface contaminants using a commercial grade cleaner/degreaser then flush the area with water to remove any residues and allow to dry. Chemical cleaning of laitance and attached particles can be removed by etching the surface with muriatic acid or a suitable buffered acid solution. Follow acid manufacturer's safety instructions. After the acid has finished reacting with the concrete, remove the residue with a water rinse, preferably by power washing and allow to dry completely. A profile must be created using chemical or mechanical means before applying the primer. The preferred method to prepare concrete floor surfaces is by mechanical means with a portable shot blast cleaning machine. For aged and old concrete floors, proceed as above while focusing on removing surface contaminants. Smooth or glazed surfaces should be roughened to improve adhesion. Floors should be swept clean to promote good adhesion of the coating system.

Note: Acid etching will not remove oil, grease or wax. If the acid does not bubble or foam when spread on the concrete, the surface should be examined for films of oil, grease, wax, curing membranes, hardeners or other sealers. These materials must be removed to properly etch the surface.

Asphalt: Sweep the surface to remove all loose contaminants. Remove oil, grease, dirt, or other surface contaminants using a commercial grade cleaner/degreaser intended for cleaning asphalt. Flush the area with water to remove any residues and let dry. Repair any loose or cracked asphalt.

Wood Floors: Weathered wood should be removed or water blasted to expose a clean solid substrate. Smooth wood should be sanded to ensure proper adhesion.

Tile and Fiberglass: Glazed and ceramic tile and fiberglass must be sanded to remove all glaze to ensure a good mechanical bond. Remove any residual sanding by blowing air over the surface or wiping with alcohol.

Application

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Apply when the surface and ambient temperatures are above 50°F (10°C) and the material temperature is above 60°F (15°C). Application is not recommended over 120°F (49°C). The surface to be painted must be at least 5°F (3°C) above the dew point.

Apply using a short nap mohair type roller or brush. Primer can be sprayed by airless, air assisted airless or conventional spray equipment.

Important: Primed surfaces should be protected from contamination. Should the surface become contaminated prior to coating, clean the area before applying the topcoat.

Safety precautions: This product is intended for professional use in an industrial environment only. Consult the Safety Data Sheet prior to application.

Standard Colors

660C01 Clear

Specifications

VOC:	0.0 lbs/gal (0 grams/liter)
Solids by Volume:	20 +/- 2%
Dry Time @70°F (21°C)/50% RH:	Dry to recoat: 2 hours
Theoretical Coverage @ 1 mil dft:	321 ft ² /gallon
Recommended Dry Film Thickness:	2-3 mils
Packaging:	1 gallon and 5 gallon
Shelf life:	2 Years

Date

4/2017

Randolph Products Co. warrants that its products meet its internal specifications and are of merchantable quality. However, the purchaser is solely responsible for the suitability of the product for any particular application. The purchaser should test or qualify the product for serviceability, environmental compliance and health and safety factors prior to use. Further, our total liability is limited to the price of the product or its replacement in kind.