

Slickcoat™

Water Based Top Coat by Foundation Technologies, Inc.
Hydro-phobic Abrasion Resistant Coating
APPLICATION GUIDE AND TECHNICAL INFORMATION

Surface Preparation

Slickcoat™ is a topcoat and may be used by itself or be applied to an approved primer or over an approved epoxy primer. Follow manufacturer's instructions for the primer, then topcoat with *Slickcoat™*. (Steel: SSPC 10. Aluminum: SSPC 7. Fiberglass: 80-grit sand. Concrete: 28 day minimum cure and power wash using acid etch or shot blast.)

Mixing Instructions

Before mixing, shake or stir each component until homogenous. *Slickcoat™* is a 2-component product packaged in 1 Gallon and 5 Gallon kits, which contain the proper ratio of ingredients. The entire contents of each container should be mixed together. For quantities less than the pre-packaged kit, mix as follows: To 15 parts of the A component, mix in 2 part of the B component. Mix the A and the B until completely blended. (The B component thickens upon aging. Mixing, or a 5% addition of water will readily disperse the product. If dilution is not desired, then mix directly with the A component prior to application.) NO INDUCTION PERIOD NECESSARY...Spray or Roll immediately.

Thinning and Clean up

In most cases it is not necessary to thin *Slickcoat™*. If you find it necessary to thin *Slickcoat™* you may add up to 5% DRINKING WATER. Clean up is a snap using soap and water while *Slickcoat™* is in an uncured state. For best results clean all equipment as soon as the application is complete. After the material has cured you will need to use solvents to remove *Slickcoat™*

Application and Recoating

For best results Spray *Slickcoat™* with airless spray equipment. Conventional spray equipment works well and provides a slight orange peel finish. **Do not apply at temperatures below 45°F or RH above 80%.** The coating should be applied as a tack coat and follow with the remainder of your total mil thickness within 20 min. *Slickcoat™* does not stick to itself when cured. For a greater orange peel effect apply *Slickcoat™* with a short nap Mohair roller or Urethane foam roller. Roll 1 coat, then follow within 30-45 min. with the 2nd coat to achieve your total mil thickness. *Slickcoat™* does not stick to itself when cured. If you notice fish eyeing as the second coat is applied you have waited too long between coats. **Recoat** by wiping the coating with Acetone or sand lightly with a Scotch Bright pad, wipe off dust, and then reapply *Slickcoat™*. Follow this same process whenever you need to refresh or recoat your *Slickcoat™* topcoat. **Shelf Life:** 1 Year **Storage: DO NOT FREEZE**

Coating Type

Silicone/epoxy water based **Color:** Various (contact *Slickcoat™* representative) **Pot life:** 60 min. @ 68°F **Induction Time:** None **Solids:** by Weight 49% **Coverage Rate:** Approx. 167 sq. ft. @ 4-5 mil DFT (85% Yield) **Tensile Strength:** >1750psi **Elongation:** ASTM 2370>5% **Adhesion:** ASTM D451>1000psi **Abrasion:** (CS 17/Kg/1000 cycles) <4 mg loss. **Cure Time:** Complete in 5 days. Dry to the touch in 2 hours. Force cure 300° for 30 min. Many applications can be returned to service the next day. **VOC:** ASTM 3960-1.0#/gl. **Heat Resistance:** Do not exceed 275° continuous service. **CAUTION:** *Slickcoat™* surfaces have a low coefficient of friction and therefore tend to be slippery.

Anti-Corrosion: JPCL Test (accelerated) - 36 out of 40 max (better than epoxy) without any corrosion on coated surfaces.

To the best of our knowledge the technical data contained herein is true and accurate at the date of this issuance and is subject to change without prior notice. User must contact Foundation Technologies, Inc. distributor/representative to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. Foundation Technologies, Inc. assumes no responsibility for coverage, performance, or injuries resulting from use. Liability, if any, is limited to replacement of products. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY FOUNDATION TECHNOLOGIES, INC., EXPRESS OR IMPLIED, STATUTORY, BY OPERATION OF THE LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. FOR MORE INFORMATION CONTACT YOUR LOCAL DISTRIBUTOR OR CALL FOUNDATION TECHNOLOGIES, INC.