



# TUF-TRAC® PRIMER

PRIMER COATING: AIR DRY

SERIES A340

WATERBORNE, ACRYLIC PRIMER



PORT BYRON, IL 61275 • 1-309-523-2121

1-800-747-1084 • FAX: 1-309-523-3912

[www.sandstromproducts.com](http://www.sandstromproducts.com)

## DESCRIPTION

Tuf-Trac® Primer is an acrylic coating that promotes the adhesion of Tuf-Trac® skid-resistant topcoat to concrete and smooth surfaces. Tuf-Trac® Primer is recommended as a primer coating for Tuf-Trac® skid-resistant topcoat.

## LIMITATIONS

- **DO NOT** apply at temperatures below 50°F.
- Applying at temperatures below 60°F may result in greatly prolonged drying and curing times.

## NOTICE

**Before using this product, read all warnings, limitations and safety information printed on the product label, Safety Data Sheet (MSDS), and Technical Data Sheet.**

## GENERAL

All work is to be performed in accordance with United States Tennis Court and Track Builders (U.S.T.C. & T.B.A.) Guide specifications.

## COMPOSITION AND PHYSICAL PROPERTIES

<b>Net Weight per gallon</b> <i>ASTM D1475</i>	8.5 ± 0.2 lbs. (varies by color)	<b>Vehicle</b>	Acrylic
<b>Weight Solids</b>	20.0 ± 2.0%	<b>Color</b>	Clear
<b>Volume Solids</b>	17.0 ± 1.0% (Theoretical)	<b>Cleanup</b>	Water
<b>VOC</b>	1.01 lbs./gal (122 g/L) (Theoretical)	<b>Thinner</b>	None required – use as supplied
<b>Odor</b>	Slight Ammonia	<b>Drying Time:</b>	@77°F ± 5°F and ≤ 70% relative humidity
<b>pH</b>	10.0 ± 0.5	<i>Before Tuf-Trac® topcoat</i>	Within 30 minutes (topcoat while Primer is tacky)
<b>Viscosity</b>	1000 ± 500 cps @ 20°C, #2 EZ Zahn Cup	<i>Tack-Free</i>	1 hour (reapply Primer before topcoat)
<b>Shelf Life</b>	1 year from Date of Shipment in unopened container	<b>Coverage Rate*</b>	250 – 300 sq. ft./gallon @ 1 mil DFT
<b>Storage Conditions</b>	50°F to 100°F	<b>Recommended Coats</b>	1
<b>Freeze/Thaw Stability</b>	KEEP FROM FREEZING	<b>Dry Film Thickness</b>	1 mil
<b>Flash Point</b>	Not flammable		

\*Actual figures do not include spray loss. Also allow for surface irregularities and porosity, as well as material loss when mixing.

## SURFACE PREPARATION

For best results, all surfaces should be sound, relatively smooth and free of dirt, dust, sand, oil drippings and other foreign materials.

### Application on new, smooth or un-weathered concrete.

Surface laitance of new, smooth or un-weathered concrete should be shot blasted or acid etched. When etching, scrub the surface with a stiff bristle broom to ensure proper removal of laitance. With clean water and high pressure, rinse several times to remove all traces of acid. The surface should feel like 50-80 mesh sandpaper after etching and rinsing. If not, repeat the procedure. If repeated etching does not provide the proper profile, the concrete may have a curing compound on it. In this case, shot blast the surface before proceeding. Note: New concrete must age a minimum of 28 days before etching and application of Tuf-Trac® Primer.

**Old concrete.** Clean out all cracks to remove accumulated mud, sand, and weeds. Water-blast to remove all sediment and allow to dry. Fill holes and cracks with acrylic-based filler. Clean surface thoroughly with a strong solution of trisodium phosphate (TSP).

**DO NOT APPLY TO PREVIOUSLY PAINTED CONCRETE.**

**IMPORTANT! DO NOT TOUCH CLEAN SURFACE WITH FINGERS - OIL FROM THE HANDS WILL INTERFERE WITH PROPER COATING ADHESION.**

## APPLICATION

Stir well before use. Apply with a roller, squeegee or by spray.

Apply Tuf-Trac® topcoat over Tuf-Trac® Primer within 30 minutes of Primer application, while the surface has a slight tack to it. If this is not possible, mist down Tuf-Trac® Primer to maintain surface tack for when Tuf-Trac® topcoat is applied. (Tuf-Trac® Primer dries tack-free within an hour.)

To improve the application of Tuf-Trac® topcoat, add 1 - 2 lbs./gallon of fine grain (70-75 mesh), dry silica sand to Tuf-Trac Primer or lightly broadcast the sand onto the applied Tuf-Trac® Primer while it is still wet. This will prevent the roller or squeegee from slipping when applying Tuf-Trac® topcoat. In shady conditions, apply Tuf-Trac® topcoat within 4 hours.

If surface becomes tack-free, reapply Tuf-Trac® Primer before applying Tuf-Trac® topcoat.

**DANGER! USE WITH ADEQUATE VENTILATION.**

### IMPORTANT NOTICE TO BUYER / WARRANTY AND LIMITATIONS ON OUR LIABILITY

We warrant our products to be free of manufacturing defects and that they meet our current published physical properties and specifications. All information and suggestions presented are rendered gratis and are accurate to the best of our knowledge. They are based on technical data we believe to be reliable and are intended for use by persons having skill and "know-how" at their own discretion and risk. Prior to use, customers are cautioned to determine the suitability of our products for any given application through their own testing. NO WARRANTY IS MADE, EXPRESS OR IMPLIED, REGARDING SUCH INFORMATION, THE DATA ON WHICH IT IS BASED OR THE RESULTS OBTAINED FROM ITS USE OR THAT OUR PRODUCT SHALL BE MERCHANTABLE OR FIT FOR ANY PARTICULAR PURPOSE. SUCH STATEMENTS ARE NOT INTENDED TO SUGGEST INFRINGEMENT OF ANY PATENT. Since conditions of use of our products are beyond our control, all suggestions and statements are made without guarantee, warranty or other responsibility, express or implied, on our part. We assume no responsibility for results obtained, or damages incurred, from their use beyond replacing material proved to be defective or refunding the purchase price of such material at our option. Acceptance of delivery of our product means you have accepted the terms of this warranty, whether or not purchase orders of other documents state terms that vary from this warning. No seller is authorized to make any representations or warranty or assume any other liability on our behalf with any sales of our products. SANDSTROM PRODUCTS COMPANY