

TECHNICAL INFORMATION GUIDE

POXYLUBE® 303

**SERIES R303
HIGH PERFORMANCE TWO-COMPONENT URETHANE COATING**



DESCRIPTION

POXYLUBE 303 is a high performance 2 component water reducible urethane.

TYPICAL USES

Surfaces that require a long lasting finish.

OUTSTANDING FEATURES/BENEFITS

- Unsurpassed durability
- Excellent hardness and mar resistance
- Outstanding adhesion to a wide variety of surfaces
- Cured film is water repellent

LIMITATIONS

- There is a maximum 3 hour pot life (at 77° F) after mixing. Using material past the 3 hour mark will result in a loss of hardness.

NOTICE

Before using this product, read all warnings and safety information printed on the label, the Material Safety Data Sheet, and the Technical Information Guide.

WARNING: Operator should wear MESA/NIOSH approved respirator suitable for an isocyanate/organic vapor environment.

SURFACE PREPARATION

Surfaces to be coated must be clean, dry, and free of all dirt, grease, silicones, release agents, wax, loose or peeling paint, oil or other contaminants. Consult Sandstrom Products Company for specific project recommendations.

TYPE: Water Reducible Urethane

COLORS: Black, White, Clear and Custom Colors

FINISH: Varies by color

MIX RATIO: 4 : 1 (4 parts Component A to 1 part Component B, by volume)

PACKAGING: Available in 5 quart units (1 gallon Component A and 1 quart Component B)

MIXING PROCEDURE

While stirring Component A, slowly pour all contents of Component B into Component A (The mix ratio for **SERIES R303 POXYLUBE 303** is 4 to 1). Stir until thoroughly mixed. No waiting period is required. Agitate mildly during use for consistent sheen.

THINNING

Reduce by volume with 10% water.

APPLICATION

POXYLUBE 303 is formulated for spray application. For conventional air spray use between 40 - 60 psi. **Do not over apply. Applying over 6 mils wet will cause blistering in the dried film.** Adjust gun tip, fluid pressure and air pressure as needed to apply a smooth film.

CLEANUP Use soap and water.

PROTECT FROM FREEZING

FOR BEST RESULTS STORE MATERIAL AT 40°F

COMPOSITION AND PHYSICAL PROPERTIES

Net Weight/Gallon (4A + 1B) (Theoretical)	COLORS: 9.8 lbs ± 0.2 lbs CLEAR: 8.8 lbs ± 0.2 lbs	CS-17 Taber Abrasion	<25 mg loss per 1000 cycles
Solids (A + B) (Theoretical)	By weight: COLORS: 50% ± 2% CLEAR: 38% ± 2% By volume: COLORS: 40% ± 2% CLEAR: 33% ± 2%	Crosscut Adhesion	4+ (per ASTM D3359-93)
Gloss	Varies by color	Pot Life	3 hours @ 77°F SEE LIMITATIONS
Viscosity (A + B)	Varies by color	Theoretical VOC	2.05 lbs/gallon (248 g/L)
Induction Period	None Required	Storage Conditions	40°F - 80°F / KEEP FROM FREEZING
Thinner/Cleanup	Water	Shelf Life	6 MONTHS MAXIMUM @ 77°F
Hardness	F pencil	Recommended Coverage Rate*	500 - 600 sq ft/gal @ 1 mil dry
		Drying Time	Tack free: 4 hours Cure hard: 12 hours Complete cure: 7 days
		Coats Recommended	1

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

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 is accurate to the best of our knowledge. They are based on technical data which 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 or 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. © 2/98 SANDSTROM PRODUCTS COMPANY 9/18/01