



TK-WATER BASED URETHANE 1900

Protective Floor Finish and Sealer

Item No. TK-1900

PRODUCT DESCRIPTION

TK-WATER BASED URETHANE 1900 is a water-based urethane specially designed for floor finishing and sealing in areas requiring protective properties such as resistance to chemicals, abrasion, stains and substances where acrylic finishes will not be adequate. Available in clear or tinted formulations as well as a matte finish formulation.

Features:

- An excellent floor finish for environments where resistance to chemicals and abrasion are necessary.
- Imparts an attractive glossy, non-yellowing finish.

USES:

Suitable for interior use on properly prepared concrete floors.

APPLICATION PROCEDURES:

PREPARATION:

The surface must be clean and dry. This product may be used over previously coated floors as long as the surface has been sufficiently sanded prior to application. When using the matte finish formulation of this product, a prime coat of TK-WATER BASED URETHANE 1900 must be applied to the surface beforehand. Once the surface has been cleaned it must be properly dried. A simple test to ensure proper dryness is by placing a rubber mat on the floor overnight. The surface is dry enough to coat if there is no moisture or darkening observed under the mat when checked.

Sealing concrete flatwork takes skill and practice - prior to application a jobsite test area should be prepared and sealed to verify and confirm proper surface preparation methods, application techniques and coverage rates, product suitability, adhesion, performance, wet and dry slip resistance, safety and appearance.

Special Surface Preparation:

Steel Troweled Surface Preparation - These surfaces should be acid etched or shot blasted to promote better adhesion.

Acid Stained and Acid Etched Floor Preparation - Special care must be taken to ensure that the substrate has been sufficiently neutralized, rinsed and dried. First, neutralize the surface by scrubbing in a solution of baking soda, sodium carbonate, trisodium phosphate (TSP), or sodium metasilicate followed by multiple thorough rinses with clean water. Rinse water must be removed by flushing down a drain (if permitted) or by vacuum. The recommended pH of the substrate is 7-9 and should be tested with litmus paper at this time.

MIXING:

This product is supplied ready to use and requires no mixing or dilution, however it should be stirred or agitated prior to use.

APPLICATION:

Apply in sufficient quantity and in a uniform manner with brush, roller, lambswool applicator (or similar) or airless sprayer. Make certain not to over-work the product while rolling as this may produce excess bubbling. Do not allow the material to pond on the surface.

CLEAN UP:

Clean tools, equipment and spills with soap and water before the material dries. To clean sprayers, pump water through the equipment to remove material residue which can clog the hose and spray gun assembly.

COVERAGE:

Typical coverage rate is 200-300 square feet per gallon. If a second coat is desired, it should be applied at 300-400 square feet per gallon. Coverage rates are provided as a guideline only. Many factors including surface texture, porosity and weather conditions will determine actual coverage rates.

LIMITATIONS:

- Apply in temperatures above 50°F.

TECHNICAL DATA

Composition and Materials:	An aliphatic modified urethane dispersed in water and co-solvents	
Flash Point:	> 200°F	
Specific Gravity:	1.00	
Dry Time:	Tack Free	1-2 hours
	Recoat	within 24 hours
	Full Cure	1-3 days
VOC Content:	< 400 g/l	
A.I.M. Category:	Sealers Maximum VOC 400 g/l	

FIRST AID:

- Consult this product's safety data sheet for additional health and safety information. Safety Data Sheets are available through TK distributors, the TK office and the TK website.

AVAILABILITY:

TK-WATER BASED URETHANE 1900 is available through TK Distributors. Contact TK Products for the nearest distributor.

Available clear or may be tinted to match custom colors.

Available in gloss or matte (TK-1900-1) formulations.

Packaged in 5-gallon pails and 1-gallon cans.

FOR PROFESSIONAL USE ONLY

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**TK Products**

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