

**Product  
Bulletin**

# U100

## One-Component, Urethane, AG Chemical Protective Coating for Concrete Surfaces

**GENERAL DESCRIPTION**

U100 is a one-component, aromatic, moisture curing polyurethane.

U100 is specifically formulated for protective coatings on concrete, wood, and paper. Its high abrasion resistance also makes it suitable for use on floors in high traffic areas, such as factories, schools, gymnasiums, bowling alleys, and roller skating rinks.

U100 resists most agricultural chemicals and therefore is recommended for containment areas and loading pads.

**SPECIFICATIONS**
**HANDLING PROPERTIES:**

% NOO:	2.9
% NV:	40
Viscosity, cps:	100

	<u>Hardness</u>		
	<u>Drying Time</u>	<u>(50%RH)</u>	<u>(Sward)</u>
Set to Touch	30 min	1 day	25
Surface Dry	90 min	3 days	36
Hard Dry	180 min	7 days	40

**APPLICATION**

U100 may be applied by spray, roller, brush, or lamb's wool applicators.

Under normal humidity conditions, U100 will be sufficiently dry in 5-12 hours to be walked upon. Final physical properties are obtained in 3 days.

**APPLICATION (continued)**

After application of the first coat, it should be ready for a second coat in 3-4 hours. It is common to dilute the first coat 50% with safety solvent prior to application, as the first coat is a sealer and subsequent coats are used to achieve build. Two coats are required at minimum to provide sufficient build. Three or more coats can be used in heavy traffic areas to maximize coating efficiency. Due to ultra-violet penetration, it is suggested that each year a top or dress coating be applied prior to the beginning of the season.