



Data Sheet and Application Instruction

Product Description

UNO is a tough, durable, single component moisture cure polyurethane clear coat that will resist marring, chipping and staining. It is ideally suited for floor finishing for both concrete and hardwoods. UNO provides a highly cross-linked dense clear gloss topcoat that will provide a low maintenance finish.

Intended Uses

- As a finish coat for coated or stained concrete.
- As a protective clear finish for hardwoods or OSB.
- Indoor Use Only

Product Features

- Single Component
- Moisture Cure
- Self Priming for Wood Floors
- Resistant to Acids & Alkalies
- Excellent Adhesion Properties
- High Gloss
- Easy to Use
- Flexible

Coverage

400 sq feet @ 3.0 mils DFT per Gallon

Chemical Resistance

UNO is resistant to damage by acids and bases in the pH range of 2 to 14. It is also resistant to hydrocarbons such as crude oil, motor oil, gasoline and many solvents.

General Applications Steps

- 1 Concrete:** New concrete must cure for a minimum of 28 days. Etch concrete floor with muriatic acid solution. Rinse thoroughly with water and allow drying
- 2 Wood:** Sand with 120 - 240 grit sandpaper ensuring all previous finishes have been removed. Remove dust with a vacuum.
- 3** All surfaces must be dry and free of dirt, grease, oil, loose particles, laitance, and any other contaminates.
- 4** Apply an even wet coat using a pure bristle brush, sheep wool applicator, or mohair roller. (If applying by roller, ensure roller sleeves have a Phenolic core and a low nap pile (10 mm).
- 5** On wood, brush parallel to the grain of the floor.
- 6** If two coats are necessary, thin the first coat 25 - 30% using **Thinducer**, allow the first coat to dry 6 - 12 hours. Scuff sand lightly, (320 - 400 grit) vacuum and apply additional coat. Thinning may be required, if so reduce by 10% using **Thinducer**.

Properties

COLOUR	Clear
MIX RATIO	Ready To Go
SHELF LIFE (UNOPENED)	12 Months
MINIMUM COATING THICKNESS	2.0 mm DFT
HARDNESS	4H
VOC	5.57 lbs / gal
FLEXIBILITY	1/8 Mandrei bend; No Failure
SOLVENT RESISTANCE	100 MEK Rubs; No Failure
ABRASION RESISTANCE	1000 cycles CS-17; 25 mg loss
VOLUME SOLIDS	40%
IMPACT RESISTANCE	40 In. lbs.; No Failure

Drying

Drying time will vary depending upon temperature, humidity, air flow and other environmental factors. The following table is based upon a temperature of 20C (68F) at 50% relative humidity.

DRY TO TOUCH	1 Hour
TACK FREE	2 Hours
SAND	12 Hours
FULL CURE	7 Days

At lower temperatures, even below freezing, UNO will cure at satisfactory rates.

Cheetah Catalyst is available to manipulate curing times. Consult authorized personnel for details.

Handling and Safety Precautions

Important Notice

Read all Health Hazard, Precautionary, and First Aid for ordering information, technical information, product statements found in the Material Safety Data Sheet.

All statements, technical information, and recommendations related to UNO are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in UNO's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer.

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