

TECHNICAL DATA SHEET

DESCRIPTION

Urethane top coat is a two component, chemical resistant, polyurethane topcoat/sealer. It is available in gloss and satin finishes. It offers excellent abrasion, chemical and stain resistance, and superior color retention. It is ideal for concrete substrates in garages, restaurants, warehouses, storage facilities, aircraft hangars, animal housing and vehicle maintenance facilities.

ADVANTAGES

Excellent abrasion, chemical and stain resistance
UV stable urethane

- Superior hot-tyre pick-up resistance
- Suitable for both exterior and interior applications
- May be used for both horizontal and vertical applications

SUBSTRATE REQUIREMENTS

Substrate temperature must be a minimum of 50°F and relative humidity below 85% for proper curing.

- Substrate must be free of dirt, waxes, curing agents and other foreign materials
- Cure times will be extended in conditions of high humidity and poor ventilation

COLOR SELECTION

Urethans top coat is available in CLEAR Custom colors are available subject to laboratory approval, minimum quantity, lead time for production and increased cost.

APPLICATION

Surface Preparation is the most critical portion of any successful resinous flooring system application. Work must be performed by trained or experienced contractors or maintenance personnel

MIXING INSTRUCTIONS

Application Equipment:

- Personal Protective Equipment (PPE) & clothing per SDS (Safety Data Sheet)
- Mixer Blade
- Clean Mixing Container
- Low Speed /High Torque Power Drill
- Shed-Resistant Roller Cover- 3/8" Nap
- Application Squeegee

INSTALLATION STEPS

Mix each component of Urethane top coat prior to combining them together. Mix 2 parts of Part A and 1 Part B. Urethane top coat is usually applied with a brush, short nap roller, or squeegee and back-rolled with a short nap roller. Care should be taken to minimize the entrapment of air caused by over-rolling.

SURFACE PREPARATION

This product requires preparation in order to perform as expected. Substrate must be mechanically profiled, clean, sound, and dry.

CLEAN UP

Clean skin with soap and water. Tools and equipment should be cleaned with Xylene or Lacquer thinner. Consult MSDS for safety and health precautions

MAINTENANCE

After completing the installation, the applicator should provide the owner with maintenance instructions. If floors become slippery due to animal fats, oil, grease, or soap film, clean and rinse thoroughly. Urethane top coat is easily cleaned with neutral soaps or detergents. Routine mechanical scrubbing is recommended for all surfaces having a non-skid texture. Treating the surface with a floor finish (Smärtgard) is optional. Long periods of heavy traffic may cause wear patterns necessitating application of a finish coat.

CLEANING GUIDELINES & MAINTENANCE

Allow floor coating to cure at least one week before cleaning by mechanical means (e.g., sweeper, scrubber, disc machine)

DISPOSAL

Dispose in accordance with federal, state and local regulations.

CAUTION

Avoid scratching or gouging the surface. All floor coatings will scratch if heavy or sharp objects are dragged across the surface. Do not drop heavy or pointed items on the floor as this may cause chipping or concrete pop-outs in the case of a weak substrate cap. Rubber tires can permanently stain the floor coating from plasticizer migration. In warehouse & industrial settings, the use of non-marking tires is highly recommended to prevent discoloration. Rubber burns from quick stops and starts can heat the coating to its softening temperature, causing permanent marking.

URETHANE CLEAR TOP COAT

Technical Data Sheet



RECOAT REQUIREMENTS

In the event of a recoat application beyond 36 hours, the existing topcoat should be lightly ground using 100-grit diamonds, vacuuming, and tack-wiping before reapplication. Please call Ultraepoxy technical support for further instructions.

STORAGE

Materials should be stored indoors between 60°F (16°C) and 90°F (32°C)

SHELF LIFE

One (1) year from date of manufacture

COVERAGE

Urethane top coat yields 350-400ft² per gallon at 2-3 mils dry film thickness. Applying thicker than 3 mil in one pass may result in bubbles or pin holes. Recoat time is approximately 14-16 hours at 75°F.

SDS

PLEASE SEE SAFETY DATA SHEET (SDS) FOR SAFETY AND PRECAUTIONS. USE PRODUCT AS DIRECTED. KEEP OUT OF THE REACH OF CHILDREN

TECHNICAL DATA

Mix Ratio (by volume)	1A : 2B
Viscosity at 75°F	700-900cps
Pot life	1 hours @ 75°F
Dry to Touch	4 hours @ 75°F
Re-Coat	4-5 hours @ 75°F
Light Traffic	24 hours @ 75°F
Full cure	7-10 days
Coverage Rate	350-400ft ² /gallon at 2-3 mil thickness

WARRANTY

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