



Product Description

Pourla Floor Topcoat Epoxy Resin is a two-component, ambient-cure system designed for concrete and industrial flooring applications. It features low viscosity, excellent self-defoaming ability, high transparency, and a smooth, shrink-free surface. Ideal for flooring protection, sealing, and topcoat applications.

FOR THE BEST PERFORMANCE, READ ALL DIRECTIONS BEFORE MIXING OR POURING!

Applications

- Industrial floors
 - Garage and warehouse floors
 - Decorative concrete
 - Topcoat sealing
 - Protective coatings on cement and stone surfaces
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Preparation

Work Environment

For best results, apply Pourla Floor Topcoat Epoxy in a clean, dry, and dust-free area with temperatures between 65–75°F (18–24°C). Keep air movement to a minimum during application to avoid introducing dust into the finish.

Surface Preparation

To ensure strong adhesion, we recommend lightly scuffing the floor surface with 220-grit sandpaper, especially if applying over cured epoxy or sealed concrete. Clean up all dust using 91% or higher isopropyl alcohol and a lint-free cloth. Do not use tack cloths, as they can leave residue.

For optimal adhesion and durability, applying a primer before the epoxy topcoat is recommended.

Materials & Tools

Before starting your project, make sure the following items are ready and clean:

- Pourla Floor Topcoat Epoxy Resin Kit (2 gallon Part A and 1 gallon Part B)
 - Measuring containers (graduated by volume)
 - 3/8" nap microfiber rollers (lint-free)
 - Mixing bucket (clean and smooth-sided)
 - Paint stir sticks or low-speed mixer
 - Nitrile gloves
 - Protective clothing and eyewear
 - Spiked shoes (to walk on wet floors)
 - Small roller (4–6") for edge work
 - Roller trays and drop cloths
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BEFORE USE: ALWAYS USE PROPER SAFETY EQUIPMENT, SUCH AS GOGGLES, PROTECTIVE MASK, GLOVES, AND CLOTHING.

WARNING: The cure of epoxy is an exothermic reaction and will generate heat. Do not apply in thicknesses greater than the recommended maximum application thickness for the product. It can reach 200-300°F for a massive reaction.

Mixing & Pouring

Measuring & Mixing Ratio

- Measure and mix **2 parts Resin (Part A) to 1 part Hardener (Part B) by volume** into a clean container.
- Stir thoroughly for **3–5 minutes**, scraping the sides and bottom of the container. Avoid whipping air into the mixture.
- Only mix what you can use within **25 minutes** at 77°F. Do not mix more than one gallon at a time unless you are experienced with large-area applications.

Application Instructions

- Pour the mixed epoxy into a roller tray.
- Use a **de-linted 3/8" nap microfiber roller** to apply the topcoat in even, overlapping strokes.
- Work in sections and feather out edges as you go to avoid visible lap lines.
- Use a **4–6" mini roller** for edges and tight corners.



- Wear **spiked epoxy shoes** so you can walk across the wet floor without leaving footprints.
- Plan your exit path in advance and apply continuously from one end of the room to the other.
- Avoid re-rolling over areas that are already starting to set.

Working & Curing Time

- **Working time:** Approx. **25 ± 5 minutes** at 25°C (77°F), depending on environmental conditions.
- **Initial cure:** 24 hours at room temperature (77°F)
- **Full cure:** 48–72 hours, depending on thickness and ambient conditions
- **Hardness after cure:** 80–84D (Shore D)
- **Recommended application rate:** 8.3–10.3 oz/ft² (280–350 g/m²), depending on substrate texture

Pro Tips for Best Results

- Do **not over-roll** once the material begins to set—this can cause texture issues.
- Minor lap lines will self-level and disappear as the coating cures.
- Practice your rolling technique on a **test board** before starting the actual project.
- For cooler environments below 15°C (59°F), pre-warm Part A to ~30°C (86°F) to improve flow.

By following these steps, you’ll achieve a flawless, high-gloss, and durable epoxy finish with minimal defects.

Clean-Up & Disposal

Tool Cleaning

Clean all tools and mixing equipment using Isopropyl Alcohol or a residue-free cleaner. Do not use soap and water, as it may interfere with the epoxy's properties.

Disposal

Dispose of any unused product and containers in accordance with Federal, State, and local regulations. Do not pour excess epoxy down drains or into the environment.

Storage

Keep any remaining product in its original, tightly sealed containers, stored in a cool, dry place away from direct sunlight. Always store in a locked area, out of reach of children and pets.

Technical Specifications

Application Data

Property	Specification
Epoxy Resin Color	Light blue liquid
Hardener Color	Light blue transparent
Epoxy Resin Density:	66.2 ± 3.1 lb/ft ³ @ 25°C (77°F)
Epoxy Hardener Density:	59.3 ± 1.5 lb/ft ³ @ 25°C (77°F)
Mix Ratio by Volume	2A:1B by Volume
Mixed Viscosity	200 to 600 cP
Working Time (Pot Life)	25 ± 5 minutes at 25°C (77°F)
Initial Cure Time	24 hours @77°F
Full Cure Time	48-72 hours @77°F
Resin Viscosity	2150 ± 300 cP @ 77°F
Hardener Viscosity	150 cP @ 77°F
Coverage	100-120 ft ² /gallon
Shelf Life	At least 12 months in sealed containers
Freeze Sensitivity	Yes
Moisture Sensitivity	Part A: No / Part B: Yes



Physical Data

Property	Specification
Cured Color	Clear
Finish	High-gloss, strong
UV Resistance	Enhanced UV inhibitors to reduce yellowing
Hardness (Shore D)	80-84
Heat Distortion Temperature (HDT)	70°C (158°F)
Water Absorption Rate	<0.1%

For additional details or technical support, refer to the Safety Data Sheet (SDS) or contact our team.