



# InduraFloor

## POLYASPARTIC TOP COAT TECHNICAL DATA SHEET

### Description

Polyaspartic Top Coat is a two-component, zero VOC, fast-setting polyaspartic coating that is the toughest available. It has been designed to provide exceptional adhesion to epoxy primers and concrete, excellent resistance to the widest range of corrosive chemicals, surprising flexibility, and outstanding abrasion resistance. Furthermore, its industry-leading self-leveling property ensures a coating free of defects. Simply stated, it is idiot-proof.

### Advantages

- It is the toughest and most durable floor coating available.
- Zero VOC.
- Complies with USDA and health department regulations for application on floors in commercial kitchens.
- The best long-term durability with the best mechanical properties.
- Virtually stain free because of high resistance to UV and the widest range of corrosive chemicals.
- Hot-tire resistance exceeding solvent-borne coatings.
- Can be applied in temperatures as low as 10°F.
- Easy to use 1:1 mix ratio.
- Easy mixing with a jiffy mixer.
- For a anti-skid coating, add anti-skid additive when mixing.
- Best self-leveling property ensures a coating free of defects, even when applied by installers with minimum experience.
- Fast turnaround time makes it possible to perform the work overnight when the establishment is closed for the night. The floor will be ready for light foot traffic when the establishment opens in the morning.

### Uses

- To protect by sealing and waterproofing horizontal interior or exterior concrete substrates from degradation due to moisture, salts, wear and spillage.
- As a protectant over other topcoats or primers due to its excellent resistance to abrasion and damages from impacts.



- By utilizing our proprietary anti-skid additive for floors, mops and brooms will not be damaged when cleaning the floors. Furthermore the floors will be easy to clean.

#### Directions for Use

- When applying over InduraFloor Base Primer (within recoat window), no prep is necessary.
- When applying over other surfaces, prep the surface as follows:
  - Clean the surface with DAWN brand dishwashing detergent.
  - Rinse and dry.
- Scuff the surface with 100 to 200 grit sandpaper.
- Mix Part A with Part B at a 1:1 ratio. Mix at slow to moderate speed with a common jiffy mixer for 1 to 2 minutes.
- If color is desired, add color at 1% of volume.
- If anti-skid property is desired, add anti-skid additive at 5% to 8% based on volume. Mix for 1 to 2 additional minutes.
- Pour mixture over the surface. Spread a thin coat with squeegee or roller. Then backroll to produce a smooth coat. Allow to dry.
- Area coverage is around 270 square feet per gallon.

#### CAUTIONS

- Be sure to apply over a dry surface.
- Protect both Part A and Part B from freezing.
- Methyl ethyl ketones and sulfuric acid (50%) will soften the coating after a 2 hour period.

#### GENERAL DATA

Solids Content	100%
VOC	None
Viscosity	350cP (70°F)
Finish	High gloss clear
Working Time (Pot Life)	35 - 40 minutes (70°F)
Area Coverage	270 square feet per gallon (6 mils)
Mix Ratio	1:1
Mix Method	Jiffy mixer
Thinning	Not recommended
Color Tinting	Add colorant 1% by volume
Dry Time	Tackfree: 2 hours (70°F) Light foot traffic: 6 hours (70°F) Full cure: 4 days
Recoat Window	3 to 10 hours
Standard Colors	Charcoal, Slate Grey, Terra Cota, Mocha



## TECHNICAL DATA

Hardness	Shore D-85
Adhesion (ASTM D4541)	Concrete 400 psi Epoxy primer >1,000 psi
Tensile Strength	8,100 psi
Elongation	5.2%
Flexibility (40 mils bent at 0° without breaking)	100%
Taber Abrasion (ASTM D4060)	48 mg loss
Impact (ASTM D2794)	150 (direct & reverse)
Gloss (ASTM D523)	90+

## STORAGE

- Store at moderate temperatures.
- Keep away from direct sunlight.
- Protect both Part A and Part B from freezing.

## SHELF LIFE:

- 1 year unopened and under good storage conditions.

## Disclaimer:

This information is presented to the best of our knowledge at the date of publication. It is offered without warranty, both express and implied, regarding the accuracy or the results to be obtained from the use of such information and is intended for use by persons who are experienced and knowledgeable.