# PPG FLOORING EPOXY SILOXANE SATIN

## DESCRIPTION

This two-component, high performance epoxy siloxane topcoat is low VOC and provides excellent chemical and abrasion resistance.

## PRINCIPAL CHARACTERISTICS

- Excellent color and gloss retention
- High UV resistance
- Excellent acid and corrosion resistance
- High solids, low VOC
- Isocyanate free
- TYPICAL USES:
- Commercial manufacturing and processing facilities
- Food and beverage processing facilities
- Hangars
- Industrial and commercial warehouses
- Pharmaceutical plants
- Power plants
- Automotive service areas
- Schools

## COLOR AND GLOSS LEVEL

- Clear - DO NOT TINT
- Satin

## BASIC DATA AT 72° F (22° C)

| Data for mixed product | |
|---|---|
| **Number of components** | Two |
| **Volume solids** | 81 ± 2% |
| **VOC (Supplied)** | EPA Method 24: 99.0 g/ltr (0.8 lb/USgal) |
| **Recommended dry film thickness** | 3.0 - 5.0 mils (75 - 125 µm) per coat |
| **Theoretical spreading rate** | 320 $ft^2$/US gal for 5.0 mils (0.1 $m^2$/l for 125 µm)<br>535 $ft^2$/US gal for 3.0 mils (0.0 $m^2$/l for 75 µm) |
| **Shelf life** | Base: at least 12 months when stored cool and dry<br>Hardener: at least 12 months when stored cool and dry |

Notes:
- Do not exceed 8 mils wet film thickness
- Shelf life is for unopened containers
- See ADDITIONAL DATA - Drying time

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## RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- Coating performance is proportional to the degree of surface preparation. Refer to the application instructions for specific primers and intermediate coats for application and curing procedures. Ensure epoxies are free from amine blush prior to overcoating. All previous coats must be dry and free of contaminants. Adhere to all minimum and maximum topcoat times for specific primers and intermediate coats. Aged coatings require abrading prior to applying the product. A test patch over unknown coatings is recommended.

### Atmospheric exposure conditions

- Ambient temperature during application and curing should be between 55°F (13°C) and 95°F (35°C)
- Relative humidity during application and curing should be between 25% and 90%

### Substrate temperature and application conditions

- Substrate temperature during application should be between 55°F (13°C) and 95°F (35°C)
- Substrate temperature during application should be at least 5°F (3°C) above dew point

## SYSTEM SPECIFICATION

- Primers: PPG Flooring Concrete Epoxy Primer or PPG Flooring Self-Leveling Epoxy
- Base Coat: PPG Flooring Self-Leveling Epoxy

## INSTRUCTIONS FOR USE

### Mixing ratio by volume: base to hardener 66.7:33.3 (2:1)

- Only mix one kit at a time
- Mix for 3 minutes with mixing stick. DO NOT USE A DRILL AND MIXING PADDLE.
- To avoid visible differences in texture or mix-to-mix “tie-ins” - do not exceed 5-10 minutes from one mix to another. Use joints as natural breaks to divide sections of the floor.

### Induction time

None

### Pot life

25 minutes at 72°F (22°C)

Note: See ADDITIONAL DATA – Pot life

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**Application**

- Immediately pour mixed material onto floor in bead or ribbon pattern. Using a flat rubber squeegee or magic trowel, spread material across the floor thinly at 3-5 mils. (Finish edges using a chip brush or small roller.) As material is being spread with the squeegee, an applicator wearing spiked shoes should immediately back-roll the material evenly in the opposite direction it was squeegeed. Finish roll material in the opposite direction making sure not to leave any puddles or roller lines.
- Do not over-roll or roll back into coating that has begun to tack up as this could trap air into film or cause roller marks.

**Cleaning solvent**

97-727 or Xylene

## ADDITIONAL DATA

| Drying time | | | |
|---|---|---|---|
| **Substrate temperature** | **Dry to touch** | **Light impact/abrasion** | **Full cure** |
| 72°F (22°C) | 3 hours - 5 hours | 12 hours - 16 hours | 3 days - 5 days |

Note: At 50% relative humidity

| Pot life (at application viscosity) | |
|---|---|
| **Mixed product temperature** | **Pot life** |
| 55°F (13°C) | 35 minutes |
| 72°F (22°C) | 25 minutes |
| 90°F (32°C) | 15 minutes |

Notes:

- At 50% relative humidity
- Times are proportionally shorter at higher temperature and longer at lower temperatures

## DISCLAIMER

- For industrial or professional use only

## SAFETY PRECAUTIONS

- See Safety Data Sheet and product label for complete safety and precaution requirements

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## REFERENCES

| | | |
|---|---|---|
| • CONVERSION TABLES | INFORMATION SHEET | 1410 |
| • EXPLANATION TO PRODUCT DATA SHEETS | INFORMATION SHEET | 1411 |
| • SAFETY INDICATIONS | INFORMATION SHEET | 1430 |
| • SAFETY IN CONFINED SPACES AND HEALTH SAFETY, EXPLOSION HAZARD – TOXIC HAZARD | INFORMATION SHEET | 1431 |

## WARRANTY

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| Product code | Description |
|---|---|
| FLR450-0 | 1 Gallon Kit |