

PPG Flooring™ 261 SY

Formerly known as Milamar ICO Floor Coating SY

DESCRIPTION

Two part, 100% solids epoxy coating designed for use as a safety striping material

PRINCIPAL CHARACTERISTICS

- Excellent abrasion resistance for a long-lasting durable finish due to the use of special fillers
- Rapid cure
- Excellent chemical resistance
- Suitable for single coat applications

COLOR AND GLOSS LEVEL

- Safety yellow, safety green, blue, red, white
- High gloss

BASIC DATA AT 77°F (25°C)

Data for mixed product	
Number of components	Two
Mass density	13.6 lb/US gal (1.6 kg/l)
Volume solids	100 ± 2%
Recommended dry film thickness	15.0 mils (375 µm) recommended
Theoretical spreading rate	100 ft ² /US gal for 15.0 mils (2.5 m ² /l for 375 µm)
Full cure after	7 days
Shelf life	Part A: at least 12 months when stored cool and dry Part B: at least 12 months when stored cool and dry

Notes:

- Material should be stored in dry conditions, out of direct sunlight, and in unopened original factory containers.
- See ADDITIONAL DATA - Drying time

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

Concrete

- New concrete must cure a minimum of 28 days prior to application
- Surface texture of minimum 40-50 grit sandpaper is desired for maximum adhesion
- Apply only to properly prepared, clean, dry and sound concrete substrates that are free of all coatings, sealers, curing compounds, oils, greases or any other contaminants. Neutralize or remove these and any laitance or weak surface layers such as broom finished concrete surfaces
- Ambient temperature should be at least 50°F (10°C) during application when using the standard cure or fast cure version
- Ambient temperature should not exceed 50°F (10°C) during application when using the extra fast cure version



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INSTRUCTIONS FOR USE

Mixing ratio

- With standard hardener, Mixing Ratio by Volume: Part A to Part B 3.41:1
- With fast cure (FC) hardener, Mixing Ratio by Volume: Part A to Part B 3.22:1
- Pre-mix Part A prior to combining with Part B, using a low speed jiffy-type mixer for 1 minute
- Mix Part A and Part B together for 30-60 seconds with a helical blade until color is uniform

Application

- For striping, tape both sides of the designated area prior to application
- Apply by brush or roller
- Mix thoroughly before application and occasionally while in use.
- Remove tape before the coating has cured

Notes:

- No priming is necessary on concrete of average porosity. On concrete surfaces with an open porosity, apply PPG Flooring 912 LV to help prevent outgassing, bubbling, and pin holing from escaping entrapped air.
- Contains pre-added filler; use only as line striping material

Pot life

40 minutes at 77°F (25°C)

Note:

- See ADDITIONAL DATA – Pot life

Brush/roller

- Use a lint-free 1/4 or 3/8 in (6.4 - 9.5 mm) nap depending on surface texture

ADDITIONAL DATA

Physical data of cured material	
Characteristic	Value
Hardness, Shore D (ASTM D2240)	78
Impact Strength	80 lb-in (9.0 Nm)
Bond Strength (ASTM C482)	>400 psi (>2.8 MPa); 100% concrete failure
Taber Abrasion (ASTM D1044, CS-17 Wheel, 1 kg load, 1000 cycles)	60 mg loss

Note:



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- The value ranges stated in this Product Data Sheet are based on system processing under laboratory conditions. Equipment configurations and/or field application conditions may produce variances in final system values.

Curing time with standard hardener	
Substrate temperature	Dry hard
50°F (10°C)	24 hours
77°F (25°C)	10 hours
90°F (32°C)	6 hours

Curing time with fast cure (FC) hardener	
Substrate temperature	Dry hard
50°F (10°C)	18 hours
77°F (25°C)	6 hours

Pot life for product with standard hardener	
Mixed product temperature	Pot life
50°F (10°C)	60 minutes
77°F (25°C)	40 minutes
90°F (32°C)	20 minutes

Pot life for product with fast cure (FC) hardener	
Mixed product temperature	Pot life
50°F (10°C)	20 minutes
77°F (25°C)	15 minutes

DISCLAIMER

- For industrial or professional use only
- This product is specifically suitable for use on the substrates mentioned in this document. For application on any other substrates, please always contact your distributor or PMC representative for specific instructions and in order to make sure that the product performance can be safeguarded.

SAFETY PRECAUTIONS

- Read all label and Safety Data Sheet (SDS) information prior to use



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WORLDWIDE AVAILABILITY

It is always the aim of PPG Protective & Marine Coatings to supply the same product on a worldwide basis. However, slight modification of the product is sometimes necessary to comply with local or national rules/circumstances. Under these circumstances an alternative product data sheet is used.

REFERENCES

- Information sheet | Explanation of product data sheets

WARRANTY

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AVAILABILITY OF PACKAGING

Packaging

- 1-gallon and 4-gallon kits

