

# FAST DRY 4318/SPEEDENAMEL 4318

## DESCRIPTION

One-component, gloss alkyd enamel

## PRINCIPAL CHARACTERISTICS

- Fast drying properties
- Corrosion resistant in normal atmospheric conditions
- Suitable for safety equipment and pipe identification
- Suitable for use as a fast drying coating for general plant maintenance
- Durable, high gloss finish

## COLOR AND GLOSS LEVEL

- White, custom and ready-mix colors
- Gloss

## BASIC DATA AT 68°F (20°C)

Data for product	
Number of components	One
Volume solids	51 ± 2%
VOC (Supplied)	max. 3.3 lb/US gal (approx. 395 g/l)
Recommended dry film thickness	1.8 - 2.3 mils (46 - 58 µm) depending on system
Theoretical spreading rate	400 ft <sup>2</sup> /US gal for 2.0 mils (12.3 m <sup>2</sup> /l for 50 µm)
Shelf life	At least 12 months when stored cool and dry

### Notes:

- See ADDITIONAL DATA - Overcoating intervals
- See ADDITIONAL DATA - Curing time

## RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

### Steel

- Apply over surfaces that have been suitably prepared and primed
- Consult relevant primer data sheet for surface preparation requirements
- Prime with a recommended primer

### Galvanized and aluminum

- Ensure that the surface is clean and is free of any white zinc salts
- Consult relevant primer data sheet for surface preparation requirements
- Prime with a recommended primer



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## **Previously painted surfaces**

- Poorly adhering old coatings should be removed
  - Wash to remove contaminants
  - Rinse thoroughly with water and allow to dry
  - Dull glossy areas by light sanding
  - Remove all debris
  - Prime bare areas with primer specified under new surfaces
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## **Substrate temperature and application conditions**

- Surface temperature during application should be between 50°F (10°C) and 90°F (32°C)
  - Surface temperature during application should be at least 5°F (3°C) above dew point
  - Ambient temperature during application and curing should be between 50°F (10°C) and 90°F (32°C)
  - Relative humidity during application should be above 0% and below 85%
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## **Warning**

Removal of old paint by sanding, scraping or other means may generate dust or fumes which contain lead. EXPOSURE TO LEAD DUST OR FUMES MAY CAUSE ADVERSE HEALTH EFFECTS, ESPECIALLY IN CHILDREN OR PREGNANT WOMEN. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted and approved (e.g., NIOSH approved) respirator and proper containment and cleanup. For additional information, contact the USEPA/Lead Information Hotline at 1-800-424-LEAD or the regional Health Canada office

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## **SYSTEM SPECIFICATION**

- Primers: Fast Dry/Devguard 4160 or Multiprime/Devguard 4360
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## **INSTRUCTIONS FOR USE**

- Inspect the top surface and remove any "skins" that may have formed on top
  - Agitate with a power mixer for 1 – 2 minutes until completely dispersed. Ensure good off-bottom mixing
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## **Application**

- Area should be sheltered from airborne particulates and pollutants
- Ensure good ventilation during application and curing
- Provide shelter to prevent wind from affecting spray patterns

## **Material temperature**

Material temperature during application should be between 50°F (10°C) and 90°F (32°C)

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## **Air spray**

- Separate air and fluid pressure regulators and a moisture and oil trap in the main air supply line are recommended.

## **Recommended thinner**

PPG Thinner 20-05/Amercoat 15

## **Nozzle orifice**

Approx. 0.070 in (1.8 mm)

## **Airless spray**

- 30:1 pump or larger
- Adjust pump pressure as needed

## **Recommended thinner**

PPG Thinner 20-05/Amercoat 15

## **Nozzle orifice**

0.017 in (approx. 0.43 mm)

## **Brush/roller**

- Use a high quality natural bristle brush and/or solvent resistant, 3/8" nap roller. Ensure brush/roller is well loaded to avoid air entrainment. Multiple coats may be necessary to achieve adequate film-build

## **Recommended thinner**

PPG Thinner 20-05/Amercoat 15

## **Cleaning solvent**

PPG Thinner 20-05/Amercoat 15

## **ADDITIONAL DATA**

Overcoating interval for DFT up to 60 µm (2.4 mils)		
Overcoating with...	Interval	77°F (25°C)
itself	Minimum	2 hours
	Maximum	8 hours

### Notes:

- Overcoating times valid for a relative humidity of 50%
- Drying times may vary depending on temperature, humidity, and air movement



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## Curing time for DFT up to 1.6 mils (40 µm)

Substrate temperature	Dry to touch	Dry hard
77°F (25°C)	15 minutes	1 hour

Note: Curing times valid for a relative humidity of 50%

## DISCLAIMER

- For professional use only. Not for household use
- Not recommended for exterior use

## SAFETY PRECAUTIONS

- For paint and recommended thinners see INFORMATION SHEETS 1430, 1431 and relevant Material Safety Data Sheets

## Danger

Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container. Refer to [www.pittsburghpaints.com](http://www.pittsburghpaints.com), Spontaneous Combustion Advisory for additional information

## WORLDWIDE AVAILABILITY

It is always the aim of PPG Protective and 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

• 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

PPG warrants (i) its title to the product, (ii) that the quality of the product conforms to PPG's specifications for such product in effect at the time of manufacture and (iii) that the product shall be delivered free of the rightful claim of any third person for infringement of any U.S. patent covering the product. THESE ARE THE ONLY WARRANTIES THAT PPG MAKES AND ALL OTHER EXPRESS OR IMPLIED WARRANTIES, UNDER STATUTE OR ARISING OTHERWISE IN LAW, FROM A COURSE OF DEALING OR USAGE OF TRADE, INCLUDING WITHOUT LIMITATION, ANY OTHER WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR USE, ARE DISCLAIMED BY PPG. Any claim under this warranty must be made by Buyer to PPG in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life of the product, or one year from the date of the delivery of the product to the Buyer, whichever is earlier. Buyer's failure to notify PPG of such non-conformance as required herein shall bar Buyer from recovery under this warranty.



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## AVAILABILITY

### Packaging

1-gallon and 5-gallon kits

