

SPEEDHIDE® | 6-208 SERIES

DESCRIPTION

One-component, interior/exterior rust inhibitive steel primer

PRINCIPAL CHARACTERISTICS

- Excellent adhesion
- Corrosion inhibitive formula
- VOC compliant

COLOR AND GLOSS LEVEL

- Red, white
- Flat

BASIC DATA AT 68°F (20°C)

Data for product	
Number of components	One
Volume solids	57 ± 3%
VOC (Supplied)	max. 2.8 lb/US gal (approx. 330 g/l)
Recommended dry film thickness	1.5 - 3.0 mils (38 - 75 µm) depending on system
Theoretical spreading rate	610 ft ² /US gal for 1.5 mils (15.0 m ² /l for 38 µm)
Shelf life	At least 36 months when stored cool and dry

Notes:

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

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- Coating performance is proportional to the degree of surface preparation. All previous coats must dry and free of contaminants
- Abrasive blast cleaning to SSPC SP-6 standards will give optimum performance
- Where abrasive blasting is not practical, power tool cleaning in accordance with SSPC SP-3 or hand tool cleaning to SSPC SP-2 requirements is acceptable

Substrate temperature and application conditions

- Surface temperature during application should be between 50°F (10°C) and 130°F (54°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 100°F (38°C)
- Relative humidity during application should be between 0% and 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

SYSTEM SPECIFICATION

- Primers: Direct to metal
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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 60°F (16°C) and 90°F (32°C)

Air spray

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

Recommended thinner

No thinner should be added

Nozzle orifice

Approx. 0.070 in (1.8 mm)

Airless spray

- 30:1 pump or larger
- Maximum 50' of 1/4" fluid hose or equivalent. 50 foot maximum spray elevation from pump

Recommended thinner

No thinner should be added

Nozzle orifice

0.013 – 0.017 in (approx. 0.33 – 0.43 mm)



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Brush/roller

- Use a high quality natural bristle brush and/or solvent resistant, 1/4" or 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

No thinner should be added

Cleaning solvent

Paint thinner (lacquer thinner or mineral spirits)

ADDITIONAL DATA

Overcoating interval for DFT up to 2.0 mils (51 µm)					
Overcoating with...	Interval	50°F (10°C)	60°F (16°C)	70°F (21°C)	90°F (32°C)
alkyds	Minimum	36 hours	24 hours	18 hours	10 hours
	Maximum	Extended	Extended	Extended	Extended
Water based topcoats	Minimum	48 hours	30 hours	24 hours	18 hours
	Maximum	Extended	Extended	Extended	Extended

Notes:

- Drying times may vary depending on temperature, humidity, and air movement
- Overcoating times valid for a relative humidity of 50%
- Surface must be free of any chalking, clean and dry prior to overcoating, if integrity of the film is compromised, sanding may be required for recoat.

Curing time for DFT up to 2.0 mils (51 µm)		
Substrate temperature	Dry to touch	Dry to handle
50°F (10°C)	22 hours	36 hours
60°F (16°C)	14 hours	24 hours
70°F (21°C)	10 hours	18 hours
90°F (32°C)	6 hours	10 hours

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

Product Qualifications

- Meets MPI category #79, Primer, alkyd, Anti-Corrosive for metal
- Performance offset to Federal Standards TT-P-636, TT-P-645, and TT-P-664

DISCLAIMER

- For industrial or professional use only



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SAFETY PRECAUTIONS

- For paint and recommended thinners see INFORMATION SHEETS 1430, 1431 and relevant Material Safety Data Sheets
- This is a solvent-borne paint and care should be taken to avoid inhalation of spray mist or vapor as well as contact between the wet paint and exposed skin or eyes

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, 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

Product codes	Description
6-208	Red
6-212	White

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