

SPEEDHIDE® | 6-209 SERIES

DESCRIPTION

One-component, portland cement alkyd galvanized steel primer

PRINCIPAL CHARACTERISTICS

- High hiding
- Direct to galvanized steel
- Corrosion resistant in normal atmospheric conditions

COLOR AND GLOSS LEVEL

- White
- Flat

BASIC DATA AT 68°F (20°C)

| Data for product | |
|--------------------------------|---|
| Number of components | One |
| Volume solids | 55 ± 3% |
| VOC (Supplied) | max. 2.8 lb/US gal (approx. 330 g/l) |
| Recommended dry film thickness | 1.5 - 2.0 mils (38 - 50 µm) depending on system |
| Theoretical spreading rate | 588 ft ² /US gal for 1.5 mils (14.4 m ² /l for 38 µm) |
| Shelf life | At least 24 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

Ferrous Metal

- Abrasive blast with an angular abrasive to an SSPC SP-6 or higher
- 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



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Galvanized steel

- Solvent clean per SSPC SP-1 to remove grease and oils
 - If any oxidation (white rust) has formed, sand and remove all forms of contamination
 - If the galvanizing has been passivated or stabilized, the surface must be abraded in accordance with SSPC- SP-16 requirements
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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 50°F (10°C) and 90°F (32°C)



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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)

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

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) |
| itself and waterborne finishes | Minimum | 48 hours | 36 hours | 24 hours | 18 hours |
| | Maximum | Unlimited | Unlimited | Unlimited | Unlimited |

Notes:

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

| Curing time for DFT up to 2.0 mils (51 µm) | | |
|---|--------------|---------------|
| Substrate temperature | Dry to touch | Dry to handle |
| 50°F (10°C) | 12 hours | 20 hours |
| 60°F (16°C) | 8 hours | 14 hours |
| 70°F (21°C) | 5 hours | 10 hours |
| 90°F (32°C) | 2.5 hours | 5 hours |

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

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DISCLAIMER

- For industrial or professional use only

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

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AVAILABILITY

Packaging

1-gallon and 5-gallon kits

| Product codes | Description |
|---------------|-------------|
| 6-209 | White |

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