

# SPEEDHIDE® LV ALKYD METAL PRIMER | 6-208N SERIES

## DESCRIPTION

One-component, interior/exterior rust inhibitive steel primer

## PRINCIPAL CHARACTERISTICS

- Excellent adhesion
- Corrosion inhibitive formula
- VOC compliant

## COLOR AND GLOSS LEVEL

- Gray, White, Red
- Flat

## BASIC DATA AT 68°F (20°C)

| Data for product               |   |
|--------------------------------|---|
| Number of components           | One   |
| Volume solids                  | 57 ± 3%   |
| VOC (Supplied)                 | max. 249.8 g/l (approx. 2.1 lb/US gal)            |
| Recommended dry film thickness | 1.5 - 3.0 mils (38 - 75 µm) depending on system   |
| Theoretical spreading rate     | 610 ft²/US gal for 1.5 mils (15.0 m²/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 40°F (4°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 40°F (4°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

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**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 40°F (4°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**

No thinner should be added

**Nozzle orifice**

Approx. 0.070 in (1.8 mm)

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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)

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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**

THINNER 21-06 (AMERCOAT 65)

**ADDITIONAL DATA**

| Overcoating interval for DFT up to 2.0 mils (51 µm ) |          |            |             |             |             |
|--|----------|------------|-------------|-------------|-------------|
| Overcoating with...                                  | Interval | 40°F (4°C) | 50°F (10°C) | 70°F (21°C) | 90°F (32°C) |
| alkyds   | Minimum  | 48 hours   | 36 hours    | 18 hours    | 10 hours    |
|  | Maximum  | Extended   | Extended    | Extended    | Extended    |
| Water based topcoats                                 | Minimum  | 52 hours   | 48 hours    | 24 hours    | 18 hours    |
|  | Maximum  | Extended   | Extended    | Extended    | Extended    |

| Curing time for DFT up to 2.0 mils (51 µm ) |              |               |
|---|--------------|---------------|
| Substrate temperature                       | Dry to touch | Dry to handle |
| 40°F (4°C)                                  | 23 hours     | 32 hours      |
| 50°F (10°C)                                 | 13 hours     | 17 hours      |
| 70°F (21°C)                                 | 2.5 hours    | 5 hours       |
| 90°F (32°C)                                 | 1.5 hours    | 3 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](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.

## LIMITATIONS OF LIABILITY

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AVAILABILITY

Packaging

1-gallon and 5-gallon containers

| Product codes | Description |
|---------------|-------------|
| 6-208N        | Red         |
| 6-212N        | White       |
| 6-219N        | Gray        |

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