



# Highland International, Inc.

## Engineered Paint Systems

26 Series

### Phenolic Modified Alkyd Primer/Sealer

**26 Series** is a high solids, fast-drying multi-purpose primer/sealer, designed to seal previously primed surfaces, or due to its superior rust inhibitive properties, be applied directly to metal as a prime coat. Specifically designed for use at OEMs, its exceptional leveling properties and fast dry times make it an excellent choice for sealing previously primed surfaces. It may be topcoated with a variety of products including urethanes, epoxies, acrylics and alkyds.

<b>Vehicle Type:</b>	Phenolic Modified Alkyd
<b>Pigmentation:</b>	Zinc Phosphate (Lead & Chromate Free)
<b>Reducers for:</b>	Not Normally Required
<b>If desired:</b>	Highland #26 Reducer
<b>Mix Ratio:</b>	Single Package
<b>Pot Life:</b>	Not Applicable
<b>Volume Solids:</b>	48%
<b>Theoretical Coverage:</b>	800 ft <sup>2</sup> /gallon @ 1 mil DFT
<b>VOC:</b>	3.5 lbs/gallon (419 g/L)
<b>Flash Point:</b>	67°F (Lowest Flashing Component)
<b>Recommended DFT:</b>	2-3 mils

#### Dry-time:

<b>To Touch</b>	15-30 Minutes
<b>Tack Free:</b>	30 Minutes to 1 Hour
<b>To Topcoat:</b>	30 Minutes to 1 Hour
<b>To Handle:</b>	2 Hours
<b>Put In Service:</b>	12 Hours

<b>Shelf Life:</b>	1 Year Minimum
<b>Finish:</b>	Flat
<b>Color:</b>	Off-White or Selected Range

#### Surface Preparation

1) Minimum surface preparation should be in accordance with SSPC-SP6 Commercial Blast cleaning. When blast cleaning is not an option, SSPC-SP3 Power Tool or SSPC-SP2 Wire Brushing is acceptable and provides good results. Also, water jetting in accordance with SSPC-SP12 is acceptable. Etch aluminum or galvanized surfaces prior to priming.

2) All surfaces to be painted should be dry and free of all foreign contaminants.

#### Application Requirements

1. Stir product thoroughly prior to use.
2. Reduction is not normally required. If desired use Highland #26 Reducer
3. Apply at a rate of 256 to 384 square feet per gallon to obtain the recommended film thickness in one coat.
4. Topcoat with Highland HiShield 64, HiShield 36, HiShield 68R Dry-Fall, 65R Dry-Fall or 150C HiGlo.

#### Method of Application

<b>Conventional Gun:</b>	DeVilbiss MBC-510
Fluid Tip:	E
Air Cap:	704
Atomizing Pressure:	60 psi
Pot Pressure:	15-20 psi
Hose:	3/8 inch ID

<b>Airless Gun:</b>	Graco 205-591
Pump:	30:1/45:1/60:1, Gas pump acceptable
Tip Range:	3.011– 5.013
Pump Pressure:	Minimum 1800 psi
Hose:	3/8 inch ID

<b>Brush or Roller:</b>	Brush may be used for touch-up
<b>Clean Up:</b>	Clean all equipment with Lacquer Thinner, MEK or Acetone

#### Safety Precautions

- 1) Use normal precautions such as gloves, facemasks and barrier creams.
- 2) Adequate ventilation must be maintained. In confined areas, workmen must wear constant flow airline respirators.
- 3) If product comes into contact with skin, wash thoroughly with lukewarm water or diluted Boric Acid, and obtain immediate medical attention.
- 4) This product contains **FLAMMABLE** materials. Keep away from sparks and open flames. Observe **NO SMOKING** regulations.
- 5) All electrical equipment and installations should conform to NEC regulations. In areas where explosion hazards exist, workmen should be required to use non-ferrous tools, and to wear conductive, non sparking shoes.
- 6) Observe low flash regulations.
- 7) Refer to Material Safety Data Sheet (MSDS) for complete safety instructions.

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