

# PRODUCT

## INFORMATION



## Steeltech®

### Universal Acrylic HP Primer

Z6631-Off White  
Z6633-Red Oxide

#### DESCRIPTION :

Steeltech® Universal Acrylic HP Primer is an advanced technology, self crosslinking acrylic single component, corrosion resistant, water based primer designed for both new construction and maintenance application. Its moisture resistant properties prevent flash rusting and make it ideal for both new construction and maintenance applications.

Steeltech® Universal Acrylic HP Primer can be applied directly to application directly to properly prepared steel, aluminum, and galvanized substrates. It can be used under water-based or solvent-based high performance topcoats. Steeltech® Universal Acrylic HP Primer is an excellent substitute for solvent-based, universal primers. Provides excellent shop or field application.

#### USES :

Railings	Machinery
Structural Steel	Steel Decking
Piping	Marine Vessels
Piping	Trash containers

**SIZES :** Available in 1 gallon and 5 gallon containers.

#### SURFACE PREPARATION :

Surface must be free of dirt, oil, moisture, grease, and other contaminants. Ferrous Metal should be cleaned according to SSPC SP-2 or SP-3. For optimum protection, blast clean according to SP-6. Galvanizing should be exterior weathered for 6 months prior to painting. Remove chromate pretreatments by abrasive blasting. Do not use hydrocarbon solvents for cleaning.

**MIXING:** Mix well before use.

**APPLICATION:** Apply by airless or conventional spray. Brushing okay for smaller areas.

#### TECHNICAL DATA

**Vehicle:** 100% Acrylic Emulsion  
**Color:** Off-white, red oxide)  
**Sheen:** Low Sheen (Flat)  
**Flash Point:** 140°F  
**% Solids:** By Volume: 39.0%  
**VOC Level:** .92 lbs./gal. (110 gm/l) maximum

#### Rec. Film

**Thickness:** 5.0 - 10.0 mils dry film  
**Thickness:** 2.0 - 4.0 mils dry film

**Spreading Rate:** 156-312 square feet per gallon

**Pot Life:** N/A

**Shelf Life:** 3 years

**Drying Time @ 77°F (25°C):** Set to touch 40 mins. Tack free: 2 hrs. Dry to recoat: 4 hrs.

**Thinning** Not Recommended

**Cleanup:** Water

**Limitations:** NOT INTENDED FOR IMMERSION SERVICE. Do not apply when surface temperature is less than 5°F (3°C) above the dew point. Do not apply to surface temperatures below 50°.

**Heat Resistance:** Up to 250°F dry heat (121°C)

**FOR INDUSTRIAL USE ONLY**

Technical Information Line:  
1-800-BUY-PRAT (1-800-289-7728)

Website Address:  
[www.prattandlambert.com](http://www.prattandlambert.com)

## PHYSICAL TEST DATA\*

- Adhesion (ASTM D4541): Passes 500 psi
- Pencil Hardness (ASTM D3363): Passes H
- Impact (direct- ASTM D3794): >140 in. lbs.
- Salt Fog (ASTM B-117): Passes 1250 hours Passes

\*Testing based on:

- one coat at 3.0 mils DFT
- steel substrate
- SSPC SP-2 surface prep.

### Application: Recommended Equipment

**Airless:** .015 to .019 orifice tip  
2000 psi

**Conventional:** 50 to 60 psi atomization pressure  
20 to 25 psi fluid pressure  
Aircap; 63PB

Fluid Cap; 66

**Brush/Roller:** Do Not Thin



## RECOMMENDED SYSTEMS

### FERROUS METAL:

- 1 coat Steeltech® Universal Acrylic HP Primer at 2.0 - 4.0 mils DFT/coat

(and)

- 1 coat Enducryl DTM Acrylic Gloss (Z6600 series) at 2.5 to 4.0 mils DFT

or

- 1 coat Enducryl® Waterbased Epoxy (Z7000 series) at 4.0 - 6.0 mils DFT

### ALUMINUM AND GALVANIZED METAL:

- 1 coat Steeltech® Universal Acrylic HP Primer at 2.0 - 4.0 mils DFT/coat

and

- 1 coat Enducryl® Waterbased Epoxy (Z7000 series) at 4.0 - 6.0 mils DFT

For Additional Recommended Coating Systems Contact Your Pratt & Lambert Sales Executive.