

PRODUCT

INFORMATION



Steeltech® Acrylic Bonding Primer Z6650

DESCRIPTION :

Steeltech® Acrylic Bonding Primer is a waterborne, adhesion-promoting bonding primer designed for application for hard, slick glossy surfaces and surfaces that were previously painted. It is ideal for pre-finished metal sidings containing Fluorocarbon (Kynar), Polyester Polymers, and Polyester Polymers. It is ideal for both new construction and maintenance applications. It must be topcoated.

Steeltech® Acrylic Bonding Primer is corrosion resistant and is acceptable for use in high performance architectural applications. It is suitable for use in USDA inspected facilities.

USES :

- Prefinished Siding
- Galvanized metal
- Slick industrial finishes

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 brush or airless spray.

TECHNICAL DATA

Vehicle:	100% Acrylic Emulsion
Components:	One (color: white)
Sheen:	Flat
Flash Point:	201°F
% Solids:	By Volume: 42.0%
VOC Level:	0.43 lbs./gal. (51 gm/l) maximum
Rec. Film Thickness:	5.0 - 12.0 mils wet film
Rec. Film Thickness:	2.0 - 5.0 mils dry film
Spreading Rate:	135 - 335 square feet per gallon
Pot Life:	N/A
Shelf Life:	36 months
Drying Time @ 77°F (25°C):	Set to touch 40 mins. Tack free 4 hrs. Dry to recoat 4 hrs.
Cleanup:	Clean up with warm soapy water followed by solvent flush.
Thinning:	Not recommended
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

APPLICATION

Airless:	Pressure	2400 psi
	Tip	.017 to .019
	Hose	1/4"-3/8" ID
	Filter	60 mesh
	Reduction	As needed up to 12.5% by volume
Conventional:	Gun	Binks 95
	Fluid Nozzle	66
	Air Nozzle	63PB
	Atomization Pressure	60 psi
	Fluid Pressure	25 psi
	Reduction	As needed up to 12.5% by volume
Brush:	Nylon Polyester	
	Reduction-not recommended	
Roller:	Synthetic	
	Reduction-not recommended	

PHYSICAL TEST DATA*

*Testing based on:

- one coat at 3.0 mils DFT
- steel substrate
- SSPC SP-1 surface prep.

- Adhesion (ASTM D4541)
Result: Passes 325 psi
- Pencil Hardness (ASTM D3363)
Result: Passes 3B
- Impact (Direct- ASTM 2794)
Result: Passes 160 in.lbs.
- Salt Fog (ASTM B117), 1000 hours, 2 coats
Result: Excellent
- Thermal Shock (ASTM D2246), 15 cycles
Result: Passes
- Moisture Condensation Resistance (ASTM D4585), 100°F, 500 hours
Result: Excellent

RECOMMENDED SYSTEMS

FLUOROCARBON, SILICONE POLYESTER:

- 1 coat Steeltech® Acrylic Bonding Primer Z6650 at 2.0 - 5.0 mils DFT/coat

(and)

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

PREVIOUSLY PAINTED, HARD GLOSSY SURFACES:

- 1 coat Steeltech® Acrylic Bonding Primer Z6650 at 2.0 - 5.0 mils DFT/coat

(and)

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

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