

STANTEST™ 2.8 MULTIPURPOSE PRIMERS

Low VOC General Purpose Primers



Technical Data

PRODUCT DESCRIPTION

Quick drying, phenolic modified, alkyd based primers for general steel application. Non-lifting general purpose primers with very good rust resistance. For industrial use and shop application. For applications requiring low HAP coatings and low VOC (under 2.8 VOC). Can be topcoated with enamel, waterbase and urethane topcoats.

FEATURES

- Quick drying
- Very good rust resistance
- Interior/Exterior
- Low VOC
- Low HAPS solvents
- Non lifting
- Resists topcoat strike in

PRODUCT NUMBERS & COLORS

- 1500-077 STANTEST™ Multipurpose Primer White
- 1510-053 STANTEST™ Multipurpose Primer Red
- 1560-032 STANTEST™ Multipurpose Primer Gray

PRODUCT DATA

Description	Results
Vehicle Type	Phenolic Modified Alkyd
Colors	White, Red & Gray
Gloss	0-20 on 60° Meter
VOC	under 336 g/L (2.8 lbs/gal)
Weight/Gallon	11.76 pounds
Solids by Weight	75%
Solids by Volume	56%
Viscosity	30-40 seconds Zahn 3
Flash Point	40° F
Freight Classification	Paint, Flammable
Packaging	1, 5, 55 & 275 Gallon

APPLICATION DATA

Description	Results
Application	Conventional, Airless, Air Assisted Airless Spray & HVLP, Brush & Roll
Recommended Thickness	1.5 - 2.0 mils DFT
Dry Time @ 77°F, 50% RH	
To Touch	30 minutes
To Recoat	2 hours <u>Note: Thicker films or colder temperatures may require a longer time to dry.</u>
Coverage	876 sf/gal at 1.0 mil DFT
Thinner	
Spray	Acetone, TBAC or Oxsol to maintain VOC. Xylene or SC100 if VOC is not an issue.
Brush/Roll	Oxsol to maintain VOC. SC100 if VOC is not an issue.

Clean Up Acetone, TBAC or Aromatics per
VOC requirements.

The technical specifications for this data sheet are based on product 1500-077. For information on other colors in this series, see the Color Table within this document and consult the Material Safety Data Sheet for that product.

CURED FILM PERFORMANCE

Description	Test Method	Results
Cleveland Humidity/Cold Roll	ASTM 4585	2,000 plus hours, no effect
Salt Fog 2.0 DFT/Cold Roll	ASTM B117 D1654	500 - 1,000 hours, no effect
Salt Fog 4.0 DFT/Cold Roll	ASTM B117 D1654	1,500 - 2,000 hours, no effect

EQUIPMENT RECOMMENDATIONS

Listed below are general guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

BRUSH/ROLL: Mix thoroughly before application. Apply with synthetic brush or roller of appropriate size and/or nap for the surface being painted. Do not apply when the surface/air temperature is below 45°F.

SPRAY APPLICATION (General): May be applied by Conventional, Airless and Air Assisted Airless systems. See the equipment manufacturers instructions for recommended pressures, tip sizes and cap sizes.

GENERAL SURFACE PREPARATION

All surfaces must be sound, dry, clean and free of oil, dirt, grease, wax, midew, loose or flaking paint and other foreign matter. Glossy surfaces in good condition should be sanded before application.

DIRECTIONS FOR USE

TINTING: Do not tint.

THINNING: Exempt solvents such as Acetone, TBAC or Oxsol should be used to maintain VOC. If the user has no VOC requirement, Xylene or SC100 may be used. For airless application these products may be applied as is. For air assisted airless, conventional or HVLP application, thinning may be required. Generally, 5-20% thinner will meet viscosity requirements for these applications. The exempt solvents will require the higher end of this range and the non-exempt solvents the lower end of this range. Greater reduction will be required when the application changes from air assisted airless to conventional and then HVLP equipment. Specific reduction instructions should be experimentally determined at the point of use. Carefully read and observe all warnings and instructions on the coating and thinner labels.

APPLICATION: Mix thoroughly before use.

DRYING TIME: Under normal conditions, 77°F and 50% or less relative humidity, these primers will dry in 30 minutes. Higher humidity, lower temperatures and thicker films will result in slower dry times.

CLEAN UP: Acetone, TBAC, Oxsol, Xylene or SC100 as applicable.

HEALTH AND SAFETY

Read the Material Safety Data Sheet (MSDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

Color Table

Typical Properties. Not Specifications.

Product	Brush/Roll	Color	Wt./Gal.	Solids by Volume (%)	Solids by Weight (%)	VOC (g/L)	Viscosity	Gloss
1500-077	Yes	White	11.76	56	75	2.6	30-40/Z#3	0-20
1510-053	Yes	Red	11.30	55	73	2.7	30-40/Z#3	0-20
1560-032	Yes	Gray	11.40	56	74	2.6	30-40/Z#3	0-20

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