



Technical Data

PRODUCT DESCRIPTION

A quick drying alkyd coating which produces a porcelain like finish similar to coatings on appliances where appearance is of prime importance. For long term exterior durability use the 1500-087 base. Use of hardener (99969/99955) will improve dry, hardness and durability.

FEATURES

- Quick Drying
- Excellent Gloss
- Interior/Exterior
- Resists Yellowing**
- Excellent Gloss Retention**
- Maximum Durability**
- Weather Resistant**

** Must use 1500-087 neutral base to achieve these features.

PRODUCT NUMBERS & COLORS

- 1500-080White Base
- 1500-085Neutral Base
- 1500-081White Base Brush/Roll
- 1500-086Neutral Base Brush/Roll
- 1500-087HAP Free Neutral Base

PRODUCT DATA

<u>Description</u>	<u>Results</u>
Vehicle Type	Modified Alkyd
Colors	Bases in White and Neutral for Custom Colors
Gloss	80 to 90+ on 60° Meter
VOC	under 420 g/L (under 3.5 lbs/gal)
VOC (1500-087 neutral base)	276 g/L (2.3 lbs/gal)
Weight/Gallon	10.37 pounds
Solids by Weight.....	63.7%
Solids by Volume	48.3% (Theoretical)
Viscosity	
1500-080 & 1500-085.....	30-40 seconds, Zahn 2
1500-081 & 1500-086.....	35-45 seconds, Zahn 3
1500-087	40-60 seconds, Zahn 2
Flash Point	4° F (40° F for 1500-087)
Freight Classification	Paint, Flammable
Packaging.....	1 & 5 Gallon

APPLICATION DATA

<u>Description</u>	<u>Results</u>
Application	
1500-080 & 1500-085.....	Spray
1500-081 & 1500-086.....	Brush/Roll
Mix Ratio	9:1 by Volume
Catalyst	99969 or 99955 if required. The addition of catalyst will improve dry times and performance in most applications.

Recommended Thickness.....	1.0 - 1.5 mils DFT
Dry Time @ 77°F, 50% RH	
To Touch	20 minutes
To Recoat	Up to 3 hours
<u>Note: If not recoated in 3 hours, wait 36 hours before recoating. Thicker films or colder temperatures may require a longer time to dry.</u>	
Coverage.....	751 sf/gal at 1.0 mil DFT
Thinner	
Spray	Acetone, TBAC or Oxsol to maintain VOC. Xylene or SC100 if VOC does not need to be under 400 g/L.
Brush/Roll.....	TBAC or Oxsol to maintain VOC. Xylene or SC100 if VOX does not need to be under 400 g/L.
Clean Up	Acetone, TBAC or Aromatics per VOC requirements.

The technical specifications for this data sheet are based on product 1500-080 White Base.

CURED FILM PERFORMANCE

<u>Description</u>	<u>Test Method</u>	<u>Results</u>
Q-UV (500 hrs)	ASTM D4587	300-500 hours, Dependent on Color Pass
1500-080, 1500-081		
1500-085, 1500-086		
Q-UV (2000 hrs)	ASTM D4587	Up to 2000 hours, Dependent on Color Pass
1500-087		
Salt Fog	ASTM B117,	Greater than 200 hours with STANTEST™ primer Pass
1500-080, 1500-081	D1654, D714 &	
1500-085, 1500-086	D610	
1500-087		

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. Both Spray and Brush and Roll Bases may be applied by spray with proper equipment modifications.

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. For improved corrosion resistance, a primer should be used. STANTEST™, Multipurpose and CHEM-O-PON™ primers may be used for better corrosion resistance and are in order of better performance.

DIRECTIONS FOR USE

TINTING: Bases are designed for tinting at the seller level and user tinting should be only attempted with the manufacturers advice.

THINNING: Exempt solvents such as Acetone, TBAC or Ox-sol should be used to maintain VOC. If the user has no VOC requirement Xylene or SC100 may be used.

Note: Always know local VOC restrictions for coating applications in your area before thinning this product. Thinning recommendations meet Federal VOC restrictions for architectural coatings. This product and other referenced products may not meet VOC restrictions for your application and may not be available in your area. Carefully read and observe warning on thinner labels.

APPLICATION: Mix thoroughly before use.

DRYING TIME: See Application Data section.

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.

The information, data and suggestions contained herein are believed to be reliable, based upon our knowledge and experience; however, it is expressly declared that Seller does not guarantee the result to be obtained in Buyer's process. **SELLER HEREBY EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY FOR FITNESS FOR A PARTICULAR PURPOSE AND/OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED** as to any and all products and/or suggestions described herein, whether such products are used alone or in combination with other materials. Buyer must make its own determination of the suitability of any product for its use, and the completeness of any information contained herein. Nothing contained herein shall be construed to constitute inducement or recommendation to practice any invention covered by any patent without authority from the owner of the patent. 09132006 Stantest HS.indd



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