

PRODUCT DATA SHEET

A-A-1588 STENCIL PAINT

PTI PAINTS

DESCRIPTION

A-A-1588 Stencil Paint is marking paint intended for brushing or spraying on bales, crates, boxes, or drums. It shall be formulated to obtain maximum color stability, and minimum chalking tendencies to allow for exterior as well as interior use. After hand stirring, the paint shall be smooth, homogeneous and ready for use. It shall mix readily with mineral spirits at a one to one ratio with no curdling, separation or precipitation. The paint shall brush satisfactorily with no pulling and dry to a smooth, uniform film showing no brush marks.

COLORS

This coating can be provided as a flat or semi gloss in **any color** as designated by the Federal Standard 595C. Custom colors are also available.

COATING PROPERTIES & CHARACTERISTICS

Consistency	175g – 375g to obtain 200 rpm (ASTM 1640)
Reducer	Mineral spirits
Primer	none
Recommended Dry Film Thickness	1 mil
Adhesion	Minimum rating 4B (ASTM D 3359)
Flexibility	No cracking/Flaking over 6.4mm mandrel
Weight (lbs per gallon)	11.9
Theoretical Coverage	350-400 sq. ft./gallon
Coatings VOC	473 g/L

CHEMICAL RESISTANCE

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|---|------------|
| • Water (25° +/- 5°C) for 18 hours. | NO DEFECTS |
| • Lighter fluid (25° +/- 5°C) for 10 minutes. | PASSES |
| • 3-in-1 oil (110 to 115eC) for 2 hours. | PASSES |

SHELF LIFE

Shelf life is only applicable for materials stored in unopened and undamaged original factory filled containers. 1 year when stored between 50°-85° Fahrenheit.

MIXING INSTRUCTIONS

Shake A-A-1558 in a paint shaker for at least 5 – 10 minutes.

Reduce: Use Mineral Spirits to reduce A-A-1558.

- **If Spraying:** Thin 8 parts enamel with 1 part thinner.
- **If Brushing/Rolling:** Thin 8 parts enamel with up to, but not more than 1 part thinner.

APPLICATION

This product can be applied by brushing, rolling, using conventional air spray equipment, HVLP Spray system. Please consult with a PTI representative for specific equipment recommendations and settings.

1. Make sure pots, guns, and lines are purged and cleaned.
2. Mix both base and catalyst thoroughly and filter/strain before spray application.
NOTE: It is not recommended to strain flat/matte coatings.
3. HVLP Spray Pressure: 7-10psi. Conventional spray equipment pressure 15 – 30 psi.
4. Always air-blow and tack wipe the surfaces to be painted. Aircraft should be grounded to prevent static.
5. Best application results: apply 1 thick coat at 0.8 – 1 mil thickness.
6. Recommended Dry Film Thickness is 1 mil. Some colors may require thicker films to achieve hiding.

NOTE: Application of PTI products requires the use of all OSHA approved safety equipment, including proper ventilation. Additionally, PTI products require the recommended temperature/humidity conditions and film thickness ranges for optimal performance. The material, hangar, and aircraft skin temperatures should be no lower than 75° F / 25° C before, during and after application.

DRYING & CURING SCHEDULE

Dry times are based on the dry film thickness between 1 mil (25-50 microns).

Air Dry Times (75°F / 25°C and 50% Relative Humidity)

Set to touch in 15 minutes. Dries hard in 1 hour.

EQUIPMENT CLEANUP

Use clean Mineral Spirits. Do not allow material to dry or cure inside any equipment.

HEALTH, SAFETY, & STORAGE REQUIREMENTS

Refer to each individual material SDS (Safety Data Sheet) for specific requirements on the health, safety, storage and handling requirements. Follow all local, state, and national regulations during surface preparation, material application and cleanup.

PRODUCT INFORMATION & DISCLAIMER

Product Data Sheets are periodically updated to reflect new information. It is important to use the latest and most recent revision for the product being used. The foregoing information is accurate to the best of our knowledge. However, due to differences in customer handling, use and method of application which are not known and are beyond our control, Products Techniques, Inc. makes no warranties as to the end result.