Approvals and conformities

MIL-SPECS	MIL-L-81352 Rev.A

SOCOGLAZE PT-110 is a general purpose high performance, single-component acrylic lacquer topcoat designed for interior or exterior use on metal or composite surfaces.

Available in liquid
Can be provided in designated AMS-STD-595A colors upon request

USES

Please, consult us regarding SOCOMORE solutions for:

- Surface preparation (SOCOCLEAN, DIESTONE & DS ranges),
- Functionalized coatings (SOCOGLAZE, AEROGLAZE, CHEMGLAZE, PRIAM, LBYH ranges),
- Surface treatment (SOCOCLEAN & SOCOSURF ranges),
- Adhesion promotion (SOCOGEL & PREKOTE ranges)
- Chemical stripping (SOCOSTRIP & SPC ranges)

DIRECTIONS FOR USE

Mixing Instructions
Shake component A in a paint shaker for 5 – 10 minutes for optimal results.
Reduce: Use **SOCOGLAZE PT-1002** or **SOCOGLAZE PT-1003 TYIII** to thin this product.

- If Spraying: Thin 1 part paint to 1.5 parts thinner by volume.
- If Brushing: Thin 2 parts paint to 1 part thinner or as necessary.

Application
This product can be applied by brushing, rolling, conventional air spray equipment, or an HVLP spray system. Please consult with a SOCOMORE representative for specific equipment recommendations and settings. Using a primer before the application of a topcoat is highly recommanded

1. Make sure pots, guns, and lines are purged and cleaned.
2. Mix both paint and reducer 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 pressure 15-30psi
4. Always air-blow and tack-wipe the surfaces to be painted. Aircraft should be grounded to prevent static.
5. Best application results: apply 2 coats: 1 fog/tack coat & 1 full coat from 0.6 – 1 mil

thickness.

6. Do not allow more than 12 hours to pass before applying the second coat.
7. Recommended Dry Film Thickness is 1-1.2 mils. Some colors may require thicker films to achieve hiding.

NOTE: Application of SOCOGLAZE products requires the use of all OSHA-approved safety equipment, including proper ventilation. Additionally, SOCOGLAZE products require the recommended temperature/humidity conditions and film thickness ranges for optimal performance.

Drying & Curing Schedule

Dry times are based on the dry film thickness between 1-1.2 mils (25-50 microns).

Air Dry Times: Times are based on laboratory temperatures (75 F / 25 C and 50% Relative Humidity). It is recommended that temperatures are between 50°F and 95°F, and humidity does not exceed 75%.
Dries hard in 10 minutes
Full cure in 72 hours.

Force Cure: Air dry for 10 minutes, then bake for no longer than 1 hour at 120°F. After heat, let parts return to ambient temperature for a minimum of 1 hour.

Equipment Cleanup

Use the recommended reducers, IPA or Acetone. Do not allow the material to dry or cure inside any equipment.

TECHNICAL CHARACTERISTICS

Coating Properties & Characteristics	
Characteristic	**Value**
Flash Point	76°F
Reducer	**SOCOGLAZE PT-1002** or **SOCOGLAZE PT-1003 TYIII**
Primer-Highly Recommended	**SOCOGLAZE PT-500** (any revision)
Recommended Dry Film Thickness	1 mil
Weight (lbs per gallon)	9 to 11 lbs
Theoretical Coverage	300 sq. ft./gallon

PRECAUTIONS FOR USE AND STORAGE

Storage

Shelf life is only applicable for materials stored in unopened and undamaged original factory-filled containers. Can be stored for 12 months when stored between 50 -95 F (10 -35 C). KEEP AWAY FROM FROST. For more information regarding the danger of the product, please consult the product safety data sheet according to local regulations. For professional use only.

This technical data sheet replaces and cancels the previous one.

The above details have been compiled to the best of our knowledge. They have, however, an indicative value only and we therefore make no warranties and assume no liability in connection with any use of this information, particularly if a third party's rights are affected by the use of our products. The above information has been compiled based upon tests carried out by SOCOMORE. All data is subject to change as Socomore deems appropriate. The data given is not intended to substitute for any testing you must conduct in order to determine the suitability of the product for your particular purposes. Pictures are not contractual. Please check your local legislation applicable to the use of this product. Should you need any further information please contact us.