

Approvals and conformities

MIL-SPECS

MIL-PRF-85582 Type I Class C2

SOCOGLAZE PTW-582 water reducible epoxy primer is chemical and solvent resistant. It is especially recommended to inhibit the corrosion of aluminum and other plated or unplated metallic surfaces. SOCOGLAZE Water Reducible Epoxy Primer is recommended for all SOCOGLAZE topcoats to provide maximum adhesion and corrosion protection.

Available in Light Green

Available in liquid

Benefits:

- TUF/FILM epoxy primer.
- Water reducible

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 Instruction

- Shake component A in a paint shaker for 5 – 10 minutes for optimal results.
- Admix by volume:

For a Viscosity of 22 seconds in a #2 Zahn:

4 Parts	Component A (Base)
1 Part	Component B (Catalyst)
1 Part	Distilled Water (Reducer)

For a Viscosity of 18 seconds in a #2 Zahn:

4 Parts	Component A (Base)
1 Part	Component B (Catalyst)

2 Parts

Distilled Water (Reducer)

- Add the Catalyst into the Base.
- Admixed material should be allowed a 45-minute induction time for best application results.
- Reduce: Use distilled water to thin or reduce the primer according to the instructions above. DO NOT OVER-THIN THIS MATERIAL.

Application

This product can be applied by brushing, rolling, or using conventional air or HVLP spray equipment.

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 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 – 0.9 mil thickness.
6. Do not allow more than 24 hours to pass before applying the second coat.
7. Recommended Dry Film Thickness is 0.6-0.9 mils. Some colors may require thicker films to achieve hiding.

Drying & Curing Schedule

Dry times are based on the dry film thickness between 0.6 - 0.9 mils (25-50 microns).

Air Cure: Tack Free 60 minutes maximum

Dry Hard: 6 hours maximum

Force Cure: Tack Free ½ hour @150°F

Dry Hard: 1 hour @ 150°F

Always bring the coating to the “tack-free” stage before top coating.

Equipment Cleanup

Use a clean **SOCOGLAZE PT-1003 TYI**. Do not allow the material to dry or cure inside any equipment.

TECHNICAL CHARACTERISTICS

Coating Properties & Characteristics	
Characteristic	Value
Mix Ratio, by volume	4 part Base to 1 part Catalyst
Reducer	Distilled Water
Recommended Dry Film Thickness	0.6 – 0.9 mil
Admixed Viscosity	14 seconds, max #4 Ford
Admixed Weight per Gallon	12 lbs.
Theoretical Coverage	800 sq. ft./gal.

Pot Life	6-8 hours
Coatings VOC	190 g/L

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°F-95°F (10°C-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.