

PRODUCT DATA SHEET

PTI-573 SANDABLE EPOXY PRIMER PTI EPOXY PRIMER SERIES

DESCRIPTION

PTI-573 Sandible Epoxy Primer is a low VOC two component epoxy based primer. Because **PTI-573** is a high build sandible filler primer, capable of filling small holes and imperfections before top coating. **PTI-573** provides a smooth, sandible base coat that improves the adhesion and appearance of the top coat. Because of **PTI-573's** unique formula, this primer also provides excellent rust and corrosion protection. This sandible primer is compatible with PTI's Enamel, Epoxy and Polyurethane top coats.

COLORS

This coating can be provided in a light gray.

COATING PROPERTIES & CHARACTERISTICS

Mix Ratio, by volume	1 part Base to 1 part Catalyst
Reducer	PTI-1002 Only if needed
Recommended Dry Film Thickness	1 – 2 mil
Admixed Weight per Gallon	11.5 lbs.
Theoretical Coverage	300 sq. ft. ² /gal at 2 mils thickness.
Pot Life	8 hours
Coatings VOC	Below 340 g/L

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.

SURFACE PREPARATION INSTRUCTIONS

This primer can be applied directly to metal that has been prepared according to a recognized cleaning method such as Federal Test Method Standard, #141 and Method 2013. However, it is recommended that all parts be pretreated with chemical conversion coating materials to produce a pretreatment coating equivalent to PTI's Acid Etching Wash Primer.

- Scuff the surface with scotch bright pads.
- Dust off the surface with an air hose and wand.
- Wipe of the substrate with IPA or Acetone to remove grime and oils
- Remove all remaining dust and debris by lightly wiping the substrate with a tack or "cheese" cloth
- For additional protection apply PTI's Acid Etch Primer prior to the Epoxy Primer.

MIXING INSTRUCTIONS

Shake component A in a paint shaker for 5 – 10 minutes for optimal results.

Admix by volume:

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1. Add 1 volume of Component “A” to 1 volume of Component “B” and stir thoroughly. Stir each well before mixing. Allow to stand one (1) hour at room temperature before using.
2. Mix only an amount that can be used in one day.

Add the Catalyst into the Base.

Admixed material should be allowed a 30-minute induction time for best application results.

Reduce: This product does not usually require a reducer. Contact manufacturer if you wish to thin this product.

APPLICATION

This product can be applied using conventional air spray equipment, HVLP, Apollo 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
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 coats from 1 – 2 mil thickness.
6. Do not allow more than 24 hours to pass before applying the second coat.
7. Recommended Dry Film Thickness is 1 – 2 mils.

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 0.6 - 0.9 mils (25-50 microns).

Air Dry:

- Set to touch in 1 hour.
- Dry hard in 2 hours.
- Dry to apply 2 or more coats at ½ hour intervals
- Dry to topcoat in 2 hours
- Dry to sand in 8 hours or overnight

EQUIPMENT CLEANUP

Use clean Acetone or IPA. 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.