



Instructions for Application of CCTR & CCTE TSP

(Product ID: CCTR-XXX, CCTE-XXX)

Warning! Use with adequate ventilation or appropriate respiratory protection. This product is flammable; do not spray near flame, heat, or sparks. This product contains solvents and propellants that may damage some plastic surfaces.

Important! This paint is for measurement purposes and should not be touched with bare hands where oils could potentially contaminate the painted surface and affect the performance of the paint.

Directions:

1. Clean the model, and a small test piece. We suggest acetone or alcohol with Chem-Wipes.
2. The Urethane TSP is shipped in 2 parts. The mixing ratio of Part-A and Part-B is 1 to 1 by volume. Determine the volume of paint you wish to spray on the model and combine half of this volume from part A with half this volume of part B. Once part A and B are combined, put a lid on the jar and shake well. Ideally, the paint in its container may also be partially submerged in an ultrasonic bath (cleaner) filled with water for a few minutes to enhance mixing. The pot life of the mixed paint is approximately 1 hour.
3. Pour the paint into the gun without filtering or straining. Thinning the paint is generally not recommended and ISSI will not warranty any paint if it has been thinned.
4. Test your spray method on the test piece. Keep the sprayer about 12 inches (30 cm) away from surface while spraying.
5. Best results are achieved with a high-volume low pressure (HVLP) spray gun. It produces less over-spray, an overall smoother surface, and is easier to clean. Set the gun pressure to approximately 6-8 psig (50 kPa) at the gun. Adjust the gun by turning the siphon rate adjustment completely off then open the siphon rate adjustment up until a light mist of paint is achieved from the nozzle of the spray gun when painting. The distance of the spray gun from the surface should be around 12 inches (30 cm). Some initial practice using inexpensive paint or solvent will improve the results for novice painters. Apply 2-3 medium-wet coats at 3-5-minute intervals. Application of light coats results in beading of the TSP and an orange-peel texture to the finished paint surface.
6. Let the surface dry at room temperature for 3 hours or at 90 °F (30 °C) for 1 hour.
7. Clean the spray gun using Acetone or Lacquer thinner immediately to prevent paint from setting in the spray gun.
8. Acetone works best for metal surfaces, but will damage most plastic surfaces.

Storage & Care:

Photo-degradation of the paint in liquid form can occur if exposed to light. Store paint bottles and cans in a location away from room lighting or ambient lighting. Recommended locations are in a cabinet or locker that is located in an indoor climate controlled area. Keep this flammable material away from heat, sparks, flames, or other sources of ignition.

Once a surface is painted, keep out of room lighting or ambient lighting when not in use, storing the model in a locker or covering carefully to avoid scratching. Do not touch the model once painted. Oil from the skin can penetrate the painted surface causing permanent damage. If the model must be handled after painting, use latex or nitrile gloves, careful not to scratch the painted surface.

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