

Application Guidelines



SP1000 is a spray-applied, high-gloss, clear acrylic topcoat designed to provide additional cleanability and stain resistance.

Recommended Uses: Install SP1000 over previously painted impact-resistant surfaces such as concrete, masonry, metal, ceramic tile, glazed block and laminate. Apply SP1000 over previously finished walls, columns and other interior elements. SP1000 has been designed as a topcoat for Zolatone Interior Finishes waterbase products, but may also be used over other waterbase finishes. Do not use on floors, on exterior applications or in areas subject to frequent water contact, like shower stalls.

Material Preparation: Prepare by gently stirring with stir stick or paddle. Do not stir vigorously or use high-speed agitation. Material is ready for use. Do not thin. Protect from freezing.

Surface Preparation: All surfaces should be clean, dry, free of dust, grease, wax and if necessary deglossed.

Equipment: Conventional: Conventional spray equipment with a dual-regulated Pressure Tank and either an ITW-Binks 2001 Gun/66SD external mix air cap set up or a C.A.Technologies Lynx 100C Gun/21-2266 set up are the recommended equipment options. If not already suitably equipped, install a small regulator and gauge on the (1.5HP or 2HP) compressor to prevent it from exceeding 40 psi. This step will increase your compressor's CFM (free air) capacity enough to ensure a uniform flow of air to the external mix cap.

HVLP: HVLP guns directly hooked up to compressors may also be used to apply this product. The ITW-Binks Mach I Gun equipped with a 90P air cap and 97 fluid nozzle or the C.A.Technologies L100H-1090 Gun are the recommended equipment options. Note: Coverage may be as much as 20% less than conventionally applied product.

Airless: We do not recommend the use of airless spray equipment with this product.

Application: Spray Only. Spray with gun positioned parallel and perpendicular to wall, about 12"-18" from wall surface. Spray fan should be about 12"-14" wide. Apply material using standard cross-hatch technique. Always overlap strokes by at least one half. Be careful not to apply material too heavily, utilize a test panel to adjust settings and spray technique to avoid material over load. Allow tack time between horizontal (east-west) and vertical (north-south) passes to prevent sagging. Using this application method, coverage will be 225-250 sf/gal (22-25 square meters/gal) depending on surface texture and porosity. Note #1: SP1000 may cause yellowing over traditional formula multicolor and other solvent-based paints. Note #2: Use of SP1000 over any Zolatone Interior Finishes coating will compromise that product's spot-repairability characteristics and will require that future touch up be conducted on a "corner-to-corner" basis.

Previously Painted Surfaces: SP1000 has been designed as a topcoat for Zolatone Interior Finishes waterbase products, but may be used over other waterbase finishes. SP1000 may cause slight yellowing over traditional formula multicolor or other solvent-based paints.

Freshly Painted Surfaces: Allow finish to dry 48 hours or until finish is completely dry before applying SP1000. If a Zolatone Interior Finish product is being top-coated be sure and switch your internal mix air cap to the recommended external mix air cap before applying SP1000.

Recommended Equipment and Pressure Setting Chart: Conventional Equipment

Compressor	Spray Gun and Accessories	Air	Material
1.5 HP, 6.9 cfm @ 100 psi	ITW-Binks 2001/66SD air cap	30-35	25-35
1.5 HP, 6.9 cfm @ 100 psi	C.A.T. Lynx 100C/21-2266 air cap and 31-0617 fluid nozzle	30-35	25-35

Recommended Equipment and Pressure Setting Chart: HVLV Equipment

Compressor	Spray Gun and Accessories	Air	Material
1.5 HP, 6.9 cfm @ 100 psi	ITW-Binks Mach I/90P air cap and 97 fluid nozzle	15	25
1.5 HP, 6.9 cfm @ 100 psi	C.A.T. L100H/17-1090 air cap and 31-0217 fluid nozzle	15	25

Note: All settings represent working pressures. Avoid arbitrary air and fluid pressures. The true measure of proper equipment settings is in the final result on the wall. Pressures shown above are guidelines. Your actual settings may vary due to equipment differences, temperature of the material, environment and the work height (above the tank). The applicator is responsible for final adjustments of air and material (paint) pressures to reproduce the approved product standard. If not already suitably equipped, install a small regulator and gauge on the (1.5HP or 2HP) compressor to prevent it from exceeding 40 psi.

Touch Up: Zolatone Interior Finishes’ products cannot be spot-repaired once top-coated with a clear finish such as SP1000. All subsequent touch-up must be conducted on a corner-to-corner basis.

- If necessary fill damaged area with patching material appropriate to the substrate. Allow patching material time to cure. Sand and remove sanding dust.
- Seal spot repair area with appropriate basecoat (see Basecoat Chart).
- Re-prime entire wall surface with SP97. Allow 2-4 hours drying time.
- Apply specified Zolatone Interior Finishes’ product from "corner to corner" using two-step sheer and pattern spray technique. Allow 48 hours dry time.
- Apply SP1000 per application instructions.

Cleaning Instructions: Use a sponge and soapy water to remove common stains. In the presence of tougher stains use a liquid cleanser. Indelible markers can be removed with citrus cleaner or an alcohol (isopropanol) solution without affecting the surface. No cleaning should be conducted until finish has cured (i.e., 7-10 days).

Tips:

Equipment:

- If not already equipped, don’t forget to affix a small regulator and gauge to the compressor.
- Remember to switch to the recommended External Mix Air Cap when applying SP1000.

Solvent-Based Finishes:

- Remember that SP1000 will yellow traditional formula multicolor and other solvent-based finishes. A sample or test area should be provided for specifier approval before proceeding with installation of SP1000.

Touch Up

- Use of clear topcoats will compromise the spot-repairability characteristics of multicolor, and other products like Luminations® by Zolatone™, Metal by Zolatone™, Signature® by Zolatone™, etc.