



Wood Coating Troubleshooting

Specks or grit in the film

Dust / grit in spray booth and in air

- Reduce airborne contaminants

Static charge on part

- Increase humidity in spray booth
- Wipe dry paint film with water – let dry

Add filter in line to spray gun

Bubbles or haze in clear finish

Loose siphon tube – tighten

Reduce air movement over wet film

Add up to 5% (volume) retarder

- Solvent based: SS-032 Glycol Ether EB
- Water based: IM-078 Aqua Retarder

Use slower thinner

- Solvent based: SS-0076 Leveling Solvent III
- Water based: IM-078 Aqua Retarder

Lacquer turns white and dusty

Contaminate causing nitrocellulose to crash

- Use only recommended thinners & additives
- Stain not completely dry before sealing
- Too much dye in stain
- Use a non-lacquer sealer (acrylic, conv. var.)

Stain or glaze bleed back

Do not add additional solvent to the glaze

Reduce curing heat

Wipe bleed back spots away as they form

Solvent pop

Reduce air movement over wet film

Use slower thinner

- Solvent based: SS-0076 Leveling Solvent III

Add a retarder at 4 oz/gal

- Solvent based: SS-032 Glycol Ether EB

Fish eyes

Contaminate on substrate

- Clean with clean solvent or water

Dust / grit in spray booth and in air

- Reduce airborne contaminants

Oil contaminate in paint through throat seal

- Replace pump seals

Add “fisheye eliminator”

- Solvent based: IM-052 Additive B

Low gloss

Reduce air movement over wet film

Ensure pail or drum is well mixed

Clogged spray tips

Check gun filtration

- Should be smaller than the spray tip

Clear or replace siphon hose and fluid hose

Is the coating is drying on the tip?

Coating drying on spray tip

Shaping air pressure too high (air assist)

Shaping air or fluid air too high (siphon / HVLP / pressure pot)

Spray more continuously

Wash spray tip when breaking from spraying

Spraying too close to substrate (backup to 6”-8”)

Add up to 5% (volume) retarder

- Solvent based: SS-032 Glycol Ether EB
- Water based: IM-078 Aqua Retarder

Off color

Ensure pail or drum is well mixed

Confirm changes in curing / drying conditions