

POWDER COATING TIP SHEET

Troubleshooting foreign or different-colored powder particles in the cured powder coating

Problem. You're inspecting the final cured powder coating and find foreign or powder particles of a different color.

Solution. There are a variety of reasons for this. For one, powder remnants or dirt in the spray booth or filtration system may have gotten into the film. Or perhaps powder remnants of another color were in the application equipment. To prevent this, make

sure you thoroughly clean the powder spray booth and application equipment. Check and clean the screen often.

Contamination can also get into the reclaim powder. This can occur from damage, tears, or dirt in the screen or from improper sieving. It can also occur if you use an improper screen size.

In addition, if the final filter has a defect, contaminants or other

powder particles can be blown into the coating area. Check and repair the final filter.

Finally, chafing of carpet material can contribute to this problem. Use suitable carpet or replace any damaged or defective carpeting.

PC

Thanks to TIGER Drylac USA, Ontario, Calif.; 909/930-9100 [www.tigerdrylac.com].

