


# POWDER COATING TIP SHEET

## Troubleshooting inadequate coverage on parts



**Problem.** Having problems with insufficient coverage on a part? You know it when you see it. The film thickness may be too low or vary across the part or from part to part. You may see it when you coat different substrates or switch to another color. You may also see insufficient coverage with different surfaces and reflections, such as polished, blasted, or chromated parts. You may even see the mechanical treatment through the coating.

**Solution.** Check for appropriate minimum film thickness, especially with critical colors, for example, red, orange, and yellow. If the film thickness varies across a part or from part to part, you may need to lower your powder output. Make sure you check all the parameters of your powder coating system, from pretreatment to cure. During production runs, batch polished, blasted, and chromated parts and set your parameters accordingly. Make sure you run sample parts first to set your parameters for consistent coverage during production runs.

PC

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