

PRISMATIC POWDERS

Using a mil thickness gauge for troubleshooting and honing your spraying technique.



A mil thickness gauge is a valuable tool for troubleshooting a variety of finish defects. It is also a useful tool to help a coater develop his/her spraying technique. The combination of gun settings, hand speed, and number of passes made, all factor into film buildup (mils). Checking the coating thickness after the coating has cured gives the coater a better idea of what their spraying technique yields in terms of coating thickness. If the results suggest the film thickness is heavier or lighter than what is recommended by the coating manufacturer, the coater can make adjustments to their technique or gun settings to compensate. Over time a coater will develop a 'second nature' ability to target a suggested mil thickness and be able to make the necessary adjustments to meet or at least get near the targeted value set. It is helpful to acquire a mil thickness gauge that can read over both ferrous and non-ferrous substrates (iron rich (steel) and aluminum) like the SE-421 gauge found at www.prismaticpowders.com

**For training tip videos, visit
[www.prismaticpowders.com/
videos.](http://www.prismaticpowders.com/videos)**