

CARBIT[®]

LIQUID
COATING
SOLUTIONS



Carbit in the mix...

Thank you for keeping Carbit in the mix for all your industrial paint needs. See below for tips, services and critical information to help your paint line process.

Infrared ovens force-cure
industrial coatings



Paint, pack and ship the same day is a dream that has become a reality. Low VOC, water based acrylics are ready to handle and pack in minutes with a just a little heat - 5 minutes at 180°F and good air movement. We don't sell IR ovens but we can put you in touch with people that do. Click [HERE](#) to read our blog on the difference between drying and curing your coatings.

Photo courtesy of Fostoria Process Equipment.

Carbicote Crystal Clear Peelable Coating Protects your Lights and Windows



In addition to our bright white Carbicote strippable coatings, one of our featured items is our 945 Crystal Clear. 945 is a window-clear strippable coating that is designed to spray on milky white, but dry crystal clear to protect your lights and windows in your spray booth- anywhere dirt and/or overspray can

attack your investments.

Check out our short video on how to not only protect your spray booth's lights and windows, but also its walls, ceiling, and floor.

We are here to help! Check [HERE](#) to email our Carbicote manager, Matt "Dr. Carbicote" Kelly for any questions about our strippable coating line.



Tips... from the Lab

Just a friendly reminder, now that summer is here, it's officially "solvent pop" season. Solvent pop is a common defect seen in paint films. Solvent pop, otherwise known as pinholes, is the result of adverse drying conditions during the drying process of the wet film. During spring and summer, increased air temperatures accelerate the evaporation rate. As the film dries, it becomes more viscous (thicker), and is unable to flow and level as easily as the initial wet film. The result is voids in the film created by the evaporating solvent that are difficult to fill. These voids resemble tiny holes, or pinholes, when viewed on the film's surface. The effect of these tiny holes is two-fold; the irregular surface profile lowers the dried film's gloss and provides a direct route through the film for water and other substances to reach the substrate.

The most common solutions to remove solvent pop from your coating line include:

- Increase the flash time or decrease the line speed.
- Adjust the air velocity of the drying fans.
- Modify the temperature of your oven.
- Introduce a different solvent blend with a slower evaporation rate.
- Change the spray distance, air pressure, and/ or fluid pressure.

Our team would be happy to review your procedures and offer suggestions to make your paint line run more effectively and efficiently. We can even coordinate directly with your paint and equipment representatives to cover all of the bases. Let's keep that paint line working!

~Jack Kelly
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