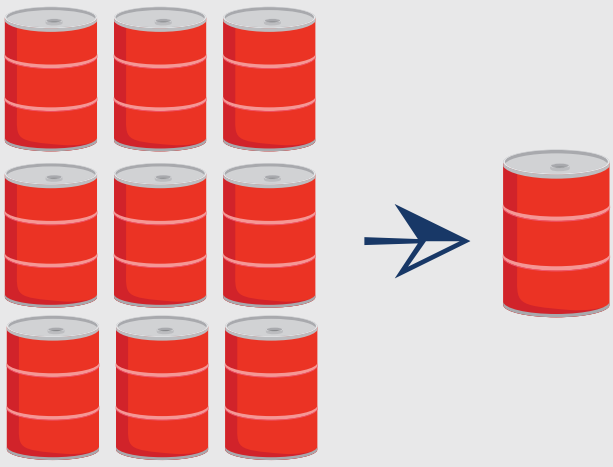
saint clair systems

TEMPERATURE & VISCOSITY CONTROL

Six Ways to Evaluate a Viscosity Control Capital Project

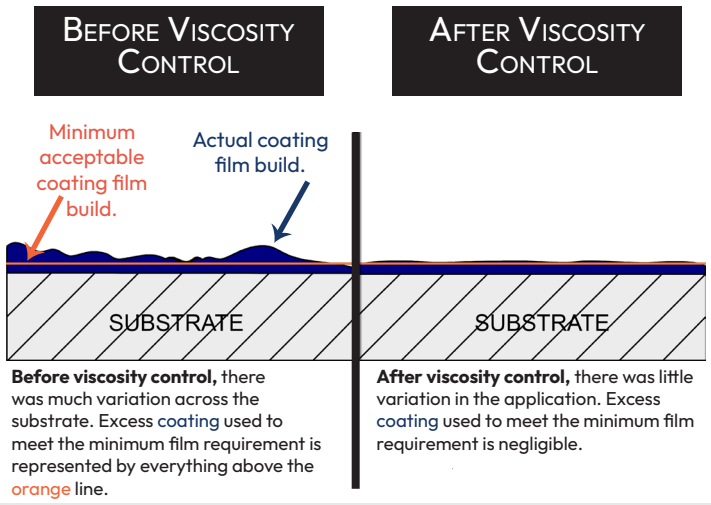
Solvent Reduction:

Adjusting viscosity with heat reduces and sometimes eliminates the need for solvent.



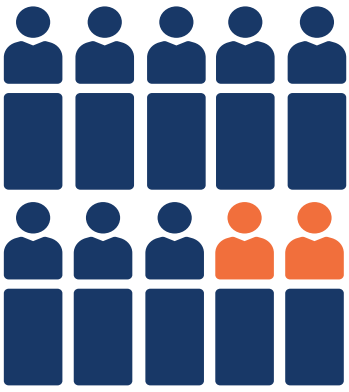
Coating Reduction:

The ability to tightly control the coating viscosity, results in precise film build - never too thick, never too thin.



Labor Reduction:

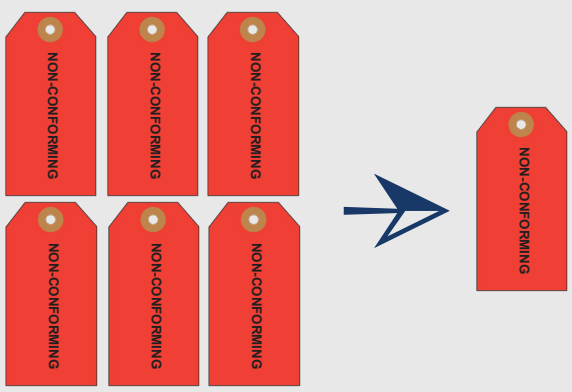
In addition to directly replacing manual tasks, customers have been able to reduce their finesse, touch-up, and rework departments.



Defect Reduction:

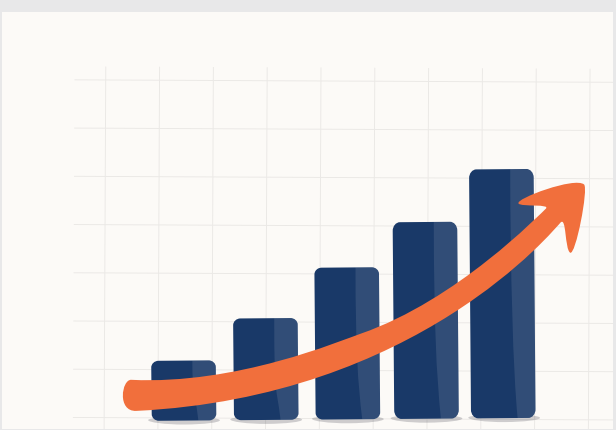
Temperature and viscosity control helps manage several common defects including:

- orange peel
- solvent pop
- runs and sags
- tail off
- end blob
- poor adhesion



Throughput Increase:

By tightly controlling material viscosity, some customers have been able to increase the speed of their production lines.



Combination:

Many customers will use a combination of these justifications to determine ROI.