



In today's market it is no longer acceptable to make a few standard coatings products that can theoretically be used in all situations.

PLASTIC



Experience – Case Study

Substrate: Polypropylene

Application: Multiple colors per unit with recoat times within 5 minutes. Colors must not bleed. Pieces are packaged within 5 minutes of the final coat. Coating dry times needed to be adjusted to clients line speed.

Variables: Viscosity needed to be adjusted to the customer's spray equipment and environment.

Main Consideration: Stringent VOC limitations due to high paint volume used. Required to be fully HAPS compliant.

Adhesion: The final product will be exposed to harsh exterior weather and handling conditions.

Color: It was necessary to have exact color matches for the multiple colors involved per unit, as well as product consistency.



At hci, we create and customize a variety of products for plastic including self-sealing, water-based, emulsion topcoats, which are ideally suited for detail work to general OEM applications. We also custom formulate high solids, fast drying products that exhibit excellent gloss and color retention and are low in VOC's.

