

# PER-FIX® COLOR MATCH

## FLAW REPAIR

REDUCE SCRAP  
RATES & REWORK  
BY PERFECTLY  
REPAIRING PLASTIC  
PART FLAWS



Color Match coatings are custom designed to specifically match the exact color and gloss specifications of your injection molded part, offering you a permanent and seamless flaw repair solution. To achieve a perfect color match to your part, our in-house lab performs a full spectral color analysis to determine the exact color and gloss level. Once we have identified a match, a prototype custom coating is developed and tested to ensure proper adhesion, color, and gloss is matched. During the final stage of development, samples are sent to each customer for evaluation and approval.

### Per-Fix® Color Match

A customized coating formulated to match the exact color and gloss of your part, permanently repairing it to perfection.

### 4 Easy Steps to Create Your Custom Color

1. Contact Chem-Pak® to ensure that Color Match is right for your part
2. Send in a sample part for lab analysis
3. You will receive a prototype sample to trial and approve
4. Once approved, this custom product can be manufactured in as little as 4 weeks

### Compatible Surfaces

Polypropylene

TPO

ABS

Styrene/ Polycarbonate

PVC/ Vinyl

Nylon

Chem-Pak's Color Match is an easy and affordable flaw repair solution. To learn more about Color Match, call Chem-Pak® today at **800-336-9828**.



# CASE STUDIES



## AUTOMOTIVE OEM INTERIOR PER-FIX® COLOR MATCH



## AUTOMOTIVE OEM SOFT IP FLAW REPAIR

### SUMMARY

An automobile manufacturer came to us upon realizing they had a mandatory OEM dashboard recall. There were three months to complete the recall. The recall transition was one month ahead of schedule, and although we assisted with providing Per-Fix® Color Match ahead of schedule they had to use existing injection molds which created part flaws.

### PROBLEM

- Customer could not meet recall deadline with flawed parts, without using Per-Fix® Color Match
- Customer was running 15-hour days to meet demand

### SOLUTION

- Chem-Pak® lab performed color analysis to custom design flaw repair coating to exactly match the color and gloss of the part
- Chem-Pak® fast-track development of four custom colors in 15 days, three weeks (50% of normal development lead time)

### RESULTS

- OEM was able to produce quality parts and meet intensive requirements
- OEM production line continued to operate with no shutdown, saving customer thousands of dollars per hour

### SUMMARY

An automotive OEM manufacturer came to us upon realizing they needed to replace an imported flaw repair solution due to hazardous and toxicity regulatory issues. They could not produce parts without repairing part flaws interrupting the manufacturing plant's production delivery demands. The customer needed three colors to match soft IP for dashboards.

### PROBLEM

- Customer needed a domestic low toxicity flaw repair coating to replace existing product
- Customer had specific color and gloss performance requirements with spray pattern and tip
- Flaw repair coating needed to match the exact color and gloss of a specific soft polypropylene substrate

### SOLUTION

- Lab performed color analysis
- Conducted side by side performance testing to current product in order to make necessary adjustments
- Provided samples for customer's internal testing and approval
- Regulatory department provided necessary information to guide customer and approval
- Developed a customized formulation and delivery system to meet customer requirements

### RESULTS

- Developed a custom Color Match Flaw Repair Coating that met the customer's spray requirements while exactly matching the color and gloss of the part scrap rates

visit [www.chem-pak.com](http://www.chem-pak.com) for more results

