

Collaboration with OEM to address coating challenge

NEW

High Gloss Black

Specialty Functional Finish for Black Fasteners

Quality standards are an extremely important focus for automotive and other durable goods industries. Columbia Chemical regularly assists OEMs with development of specs, coating choices, technical troubleshooting, engineer training and technology updates.



CHALLENGE: An automotive OEM reached out to Columbia because they were seeing the majority of their black fasteners come across with a non-uniform appearance: browns, gray, iridescent, and they were experiencing substantial corrosion problems. The issue was repeatedly addressed with the applicator and even the chemistry supplier to no avail. The OEM was looking for a solution that would offer the consistency and quality expected.

SOLUTION: Columbia Chemical's technical OEM team gathered the necessary information, evaluated the adhesion and appearance issues, talked with the applicator to understand their frustrations with the current chemistry and then set to work developing a solution. A specialty functional finish for black fasteners was developed as a result. After production runs and testing were completed, the process was approved for use. One after another, more automotive OEM's reached out to Columbia because they were experiencing this same challenge and Columbia's high gloss black finish has proven to be the solution.

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