

Case Study

PPG powder delivers improved toughness and sustainability to truck body manufacturer



Company

SWITCH-N-GO® Multi-Body Truck Hoist Solutions

Coating Technology

Powder

Product

Interchangeable truck bodies

PPG Products

PPG PRIMERON® powder primer, PPG ENVIROCRON® powder topcoat

Segments

Transportation, Light Industrial Coatings

PPG Businesses

Industrial Coatings, Automotive Refinish

Switch-N-Go, a manufacturer of cable hoists and interchangeable truck bodies, is known internationally for their systems that allow for a “single truck to do the work of multiple trucks.” The all-in-one truck systems provide ground-level loading, over 30 unique bodies to choose from, and are designed, developed and fabricated in-house with the help of the company’s 70 plus employees. Located in Saegertown, Pennsylvania, *Switch-N-Go* has been in business for more than 20 years.

Powder primers offer many benefits, including improved corrosion resistance, edge coverage, adhesion and increased film build with longer-lasting protection.



Switch-N-Go had performance issues with their previous powder primer from a leading competitor, specifically with defects in the coatings known as spitting. The company turned to PPG in the fall of 2022; successful line trials for the new PPG PRIMERON® high-performance zinc epoxy powder primer were completed in early 2023. With the new primer, the *Switch-N-Go* team noticed less spitting and a higher transfer efficiency that resulted in better coverage with less overspray and cleanup, improving their overall processes.

“The powder topcoat creates a durable, uniform finish that can be customized by our color experts,” said Edward Butler, commercial territory manager, Automotive Refinish.

Primeron zinc epoxy primer is a patent-pending breakthrough that offers impressive first-pass build rates due to high transfer efficiency and semi-conductivity that reduce material usage and better corrosion protection compared to standard zinc-rich epoxy primers.

The product also offers sustainability benefits, including low-bake capability that can lower cure temps by 15 degrees Fahrenheit and lower cycle times by 10 minutes. *Switch-N-Go* noticed decreased oven time and temperature, enabling them to improve cycles times and reduce energy consumption.

In addition to PPG’s high-performance coatings, *Switch-N-Go* was impressed by PPG’s technical service expertise and knowledge of the industry, including a special black color formulation in the PPG ENVIROCRON® PCTT99259 powder topcoat.





“The team took the time to understand our processes and helped us identify improvements from the actual coating all the way through the line,” said Ian Celo, plant manager, *Switch-N-Go*.

Today, *Switch-N-Go* relies on PPG to provide the durability their products demand with a resilient, high-performing finish that their customers expect. “PPG products give a great overall look to our parts,” said Joe Myor, general manager, *Switch-N-Go*.

A world leader in new and sustainable coatings technologies, PPG is committed to helping customers enhance the durability, performance and look of their products, as well as implement more efficient processes.

PPG’s PRIMERON® powder primer portfolio is a new generation of powder primers designed to provide high corrosion resistance. PPG has developed a full primer range, providing special product features to meet the various requirements depending on typical end use, the substrate and the environment in which it is used.

To learn more about PPG powder primers and topcoats, please visit ppgindustrialcoatings.com or call 1-888-774-2001.

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