



POWDER COATING PROCESS

Powdura OneCure is a single cure primer and topcoat powder system that provides the best of both chemistries to deliver superior performance in the trailer industry. Powdura OneCure™ Dry on Dry system offers the following TM advantages over traditional DTM polyester powders in a single cure application built for the long haul:

- ▶ Enhanced Corrosion & Chip Resistance
- ▶ Better Metal Substrate Wetting For Superior Adhesion vs. Standard DTM polyesters
- ▶ Excellent Humidity and QUAVA ExpoSure For Outstanding Weatherability
- ▶ Better Edge Coverage and Weld Protection
- ▶ Better Chemical Resistance To Oils, Diesel, and Gasoline
- ▶ Excellent Color and Gloss Retention

1. BLAST

Load Trail uses both automatic and manual methods of mechanical blasting to remove all rust and milscale present on metals from the manufacturing process for a thorough blasted metal surface to create a metal profile for optimum adhesion of our powdercoating system.

2. WASH

We then run the trailers through an industry leading Zirconium Phosphate 2 stage automatic pretreatment cleaning process. The trailers start through a cleaner coater stage which cleans the metal from any foreign contaminants and then moves into a final rinse sealer stage to seal the metal to help better promote a coating to the metal blasted surface that helps create a better bond to the powdercoating.

3. DRYER

Immediately following the automatic pretreatment wash our trailers go into a full cycle dry-off oven to ensure any residual moisture is gone and the metal is good and dry before beginning the powder coating process.



4. PRIMER

In our First step we lead the market in using a single curing dry on dry Zinc Epoxy primer to coat the entire metal surface to cover the profile of the metal to ensure the best metal substrate wetting during the cure process for optimum adhesion and corrosion protection.

5. COLOR

Then our trailers go into the second step to apply dry on dry premium quality architectural grade super-durable polyester powders in all of our colors offered. These powder coating Topcoats offer excellent weatherability in color and gloss retention while still being functional for heavy use and exposure to the work environments.

6. CURE

In the final step our trailers enter the oven to go through the curing process at the manufacturer's recommended temperature until fully cured. Our Powdura One-Cure primer/topcoat system is an innovative single cure primer and topcoat system. Our coating system co-reacts and cross-links to form a single highly corrosion resistant coating without the need to gel or cure the primer, eliminating any potential adhesion issues when trying to coat two step systems together. This product will help extend the life of your coating and ensure your trailer is protected for the long haul.



Colors shown for reference. Actual colors vary.



ABOUT LOAD TRAIL

At Load Trail, we're more than just a trailer manufacturer - we're a family of hardworking people on a mission to build the best. Since 1996, we've been crafting professional-grade trailers with the people in mind that provide for their families. We know that our customers are the backbone of America, and we're proud to be a part of their journey.

We started small, but our determination and dedication to our craft has led us to become one of the largest trailer brands in the industry. Our state-of-the-art facilities and expert team of over 500 employees constantly push the boundaries and explore new ways to innovate and improve.

We're not just in the business of building trailers, we are in the business of building trust. That's why we stand behind our product with the industry's leading warranty and are committed to providing world-class customer service. Whether you're looking to buy a trailer or own a Load Trail, we're here to exceed your expectations.

We may have grown over the years, but we'll always be the small, family-owned, operated business that started it all. And we'll always be proud to be the heroes that help you take on your next adventure.

