

A New Level of Rust Resistance

ZINC POWDER COATING



WE BUILD PLAYGROUNDS TO LAST A LIFE TIME.
QUALITY IS BUILT IN.

Henderson Recreation is committed to building quality, even when you can't see it. We installed a brand new Zinc in-line powder coating spray booth and oven. The metal we use is Allied Flo-Coat. The best in the playground industry. But when we weld tubes together the projective zinc coating is burnt off in the welding process. Our new Zinc in-line powder coating spray booth and oven replaces the protective zinc coating helping you get the best rust protection in the industry.



ULTIMATE PROTECTION

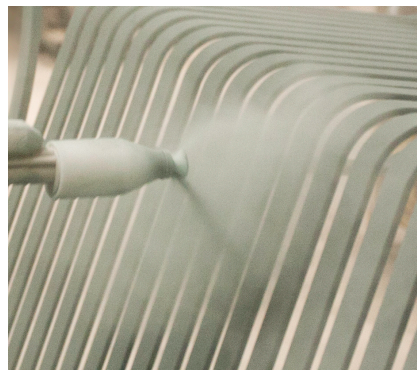
At Henderson Recreation our commitment to quality has even got better! We have just finished installing a new Inline Zinc Powder Coating Spray Booth and Oven. This is the ultimate coating for rust protection. Allied Tube's Flo-Coat tubing which has a rust resistance of 840 hrs in the salt spray tests and with our powder coat paint on top, rust resistance jumps to over 3000 hrs in salt spray tests, far superior to primer powder coating.

COATING PROCESS



Sand Blasting Process

- ▶ The most superior method for powder coat adhesion.
- ▶ Creates a textured surface for paint to bond to metal.



Zinc Rich Powder Coating

- ▶ Excellent edge coverage
- ▶ Good chemical resistance
- ▶ Very good mechanical properties
- ▶ Very good corrosion protections
- ▶ Especially suited for blasted substrates



Catalytic Infrared Oven

- ▶ Efficient, gas Catalytic Infrared is around 85% efficient at converting energy into usable heat. compared to convection ovens
- ▶ Less air movement means less powder blow off and improved finish quality
- ▶ Convection ovens are inherently inefficient (5% - 7% of heat produced is used to cure powder)

Beauty and Durability that Lasts

SUPERIOR POWDER COATING



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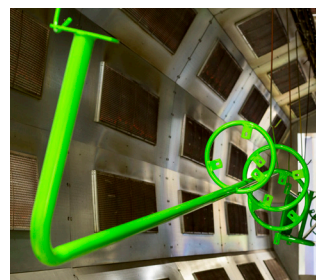
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SANDBLASTING NOW PAINT CAN STICK TO THAT!

Most companies don't sand blast. Why, because it takes time, it takes effort and costs more to do. But it's worth it if you want the best powder coat finish available. If you want paint to stick to metal there just is no better way to do that they give the paint something to hold onto.

IN-LINE ZINC PROCESS



In-Line Zinc Process

- ▶ Zinc Coating applied to all fabricated parts, all welds, holes and cut sections treated
- ▶ Pre-Heat Oven gels Zinc for proper bonding prior to powder top coat
- ▶ All black metal treated
- ▶ Energy efficient catalytic infrared oven used

Polyester TGIC-free Powder Coatings

- ▶ Superior application properties
- ▶ Excellent transfer efficiency
- ▶ Provides excellent overbake resistance
- ▶ Good chemical resistance
- ▶ Very good outdoor exposure qualities

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Protective Packaging

- ▶ In-foam wrapping used to protect the powder coat painting
- ▶ Wrapping bags and layer compression foam used to package products
- ▶ Superior 7 mil boat wrapping used to protect your playground or products