

# Powder Coating

Durable, long-lasting protection in an array of colors and textures



## AZZ SURFACE TECHNOLOGIES POWDER COATING CAPABILITIES

From small parts to components up to 60 feet in length, AZZ consistently delivers high-quality powder coatings which meet the stringent standards of the industries we serve:

- Aerospace
- Architectural
- Automotive
- Communications
- Oil and Gas



## Our expansive network is equipped for high volume and fast turnaround

AZZ Surface Technologies has an expansive network of powder coating facilities. Our state-of-the-art, highly automated operations are equipped for high-volume production with turnaround time in as little as 24 hours for all of the industries we serve.

## The best choice for decorative and functional finishes in powder coating

When durability is a necessity for application-critical components and appearance matters, AZZ Surface Technologies has you covered. Our ISO 9001 Certified process and constant focus on zero defects ensure a durable, attractive, long-lasting finish.

We have earned the following certifications:

- **AS9100** (aerospace quality management)
- **Caterpillar** (heavy equipment)
- **General Dynamics** (aerospace and defense)
- **ISO** (quality management)
- **NADCAP Quality** (aerospace and defense)
- **PACCAR** (automotive)

## Multiple locations provide flexible capacity with on-time deliveries

AZZ's North American network of state-of-the-art, highly automated facilities enables us to integrate seamlessly into your supply chain and provides the capacity and fast turn-around times to meet your most demanding production schedules with consistent, on-time delivery.



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## Our facilities can handle items of any size— from small parts up to components 60 ft. in length

Our facilities utilize numerous conveyor lines, augmented by multiple batch lines to accommodate the powder coating of stampings, castings, extrusions, tubing, and many other products. Every part goes through a 3- or 5-stage iron phosphate washer and, when necessary, cleaned by hand.

### ■ Pre-Treatment

Ensures protection against corrosion and maximum powder coating adhesion and appearance, parts undergo a thorough cleaning and preparation process.

### ■ Curing

Oven drying occurs next before your selected powder is applied. Curing (baking) takes place at the required temperature for the amount of time called for in your schedule.

### ■ Inspection

Inspection takes place and the items are packed and shipped per your instructions.

## The key to ensuring a quality, consistent finish

Surface preparation is critical to attaining a high-quality finish, whether it be powder or wet coating. AZZ Surface Technologies has extensive expertise in sandblasting, which efficiently and effectively smooths rough edges and repairs surface blemishes. Our sandblasting capabilities extend to parts as large as 40 feet in length, and our quality control measures, in accordance with our ISO 9001 certification, ensure an optimal surface for comprehensive and consistent coating.

One aspect of our quality control is the daily stripping of the hooks, racks, fixtures, and steel parts used in our operations. The process ensures the proper grounding and consistent coverage of the parts to be coated the following day. The stripping of organic paint and powder coating from parts and fixtures is a service we also offer to our customers.

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