



Mark VII Carwash

Arvada, Colorado



Carwash equipment is subjected to one of the most hostile environments that can be created. The equipment is called upon to be operational at a moments notice, and, with the exception of freezing weather, anytime automobiles are on the road. A carwash is a revenue-producing piece of equipment, so any downtime means losing potential revenue. A profitable carwash will be called into action over 50 times per day, so any corrosion would inhibit its performance.

Hot-dip galvanized (HDG) steel provides the durability needed to meet the task. Mark VII is an industry leader in the design and manufacturing of the most efficient, effective and profitable carwash systems. Prior to 2008 most of Mark VII's larger carwash components were produced out of stainless steel. The escalating cost of stainless steel was affecting Mark VII's ability to remain competitive in the car wash industry, so they began to look for other solutions.

Financially, hot-dip galvanized steel was a wise choice, as it was less expensive both initially and over the expected life of the facility. Because of the maintenance-free nature of galvanized steel, no money will be expended on upkeep, and no revenue lost due to machine downtime.

In addition to financial considerations, appearance was also a key marketing consideration. Hot-dip galvanized steel's attractive aesthetic looks as good as it protects. To keep with the company color scheme, many of Mark VII's HDG components are powder coated after galvanizing, a duplex system that will extend the life of the project 1.5 to 2.5 times without maintenance.

The galvanizer worked to ensure the smoothest, most attractive coating possible. While the HDG coating is naturally smooth and uniform, extra care and handling was required to present the product at its best. Communicating with the engineer, the galvanizer explained how to provide adequate venting and drainage, and was cautious to ensure there were few imperfections.

The manufacturer is a leader in the carwash industry and has equipment across the nation, and now, other wash manufacturers are following suit and realizing the benefits of HDG. Galvanized steel components are durable, cost less, last longer, and look good for generations. With hot-dip galvanized steel, Mark VII will be able to keep cars clean, uninterrupted, for decades with no maintenance. ♻️

Galvanizer

AZZ Galvanizing Services - Denver

Owner

WashTech AG

Engineer

Mark VII Engineering

water & marine

