

Benefits of Powder Coating Outdoor Kitchens

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Although powder coated steel has been around since the 1960s, it was mostly used by the automotive industry and industrial manufacturing. Hailed for its durability, affordability and planet-friendly finish, it has since found its way into new markets including interior and exterior design. The shiny colored metal surfaces once reserved for refrigerator doors and bike frames are showing up as sleek finishes for countertops, suspended wall shelving units, and modern furniture including outdoor kitchens.

For nearly a decade, Denver Stainless Outdoor Kitchens has been using powder coating finishes to lock in color and protect cabinet doors and drawers from chips, spills, stains and unsightly fingerprints. In geographic areas where high winds, tidal surges, extreme heat and humid, salt-laden air can impact the integrity of most materials used in cabinetry, the powder coating process provides a strong defense against corrosion and further protects Denver Stainless Outdoor Kitchens. Denver Stainless Outdoor Kitchens warrants the powder coating for seven years.

Equally important are the environmentally friendly advantages of powder coating:

- does not contain harmful, volatile organic compounds (VOCs)
- reduces finishing line emissions
- produces far less harmful waste by-product than liquid paint
- complies with environmental regulations
- does not generate airborne pollutants
- does not pose a significant health risk
- is easy to dispose of since it does not contain hazardous materials

Powder coating differs from liquid paint in that it allows for much thicker coats and does not run or sag. With liquid paint, horizontal and vertical painted surfaces often have differences in appearances, while powder coating provides our outdoor cabinetry with a sleek, smooth and consistent appearance. It is electrostatically applied (sprayed) as a free-flowing dry powder onto the stainless steel surface and then cured in our ovens to form a durable, smooth skin.

In general, powder coatings are available in an almost limitless range of colors and textures. The powder itself is a mixture of pigment and resin. To reduce powder coating colors fading from the sun, Denver Stainless Outdoor Kitchens uses a type of outdoor-rated powder coating based on Super Durable Polyesters (SDPs), which has fast become the superhero of polyester powders thanks to their superior durability when compared with standard polyester. SDPs also provide better humidity and corrosion resistance making this type of powder perfect for Denver Stainless Outdoor Kitchens/Brown Jordan Outdoor Kitchens.

To ensure complete coverage, we start with our cabinet doors completely disassembled hanging the sections from a steel rack. Once sprayed, the rack is wheeled into the oven for curing. The parts cannot be “over baked,” but under-curing will produce an inferior finish. Our Quality Control team inspects each section to ensure complete coverage and proper curing have been attained before moving them to our packaging phase.

In addition to selecting a stainless steel outdoor kitchen, adding a powder-coated touch of color allows for additional creativity while ensuring a lasting look that reduces corrosion and rusting. Aside from its beauty and resilience, this method of painting remains an eco-friendly option adding to a home’s investment as well as peace of mind. Check out our wide range of outdoor kitchen designs.

Contact us to learn more about the powder coating services available at Denver Stainless Outdoor Kitchens at marketing@danver.com or call 203-269-2300.