

# Architectural Powder

## Maui Powder Works Lahaina, Hawaii

Since 2010, Maui Powder Works has been a thriving sandblasting and powder coating business employing and partnering with people passionate about performance finishes. Company owner Ross Scott worked for 15 years in furniture refinishing before getting into the metal coating business. His background and experience lead him to develop a new twist on achieving a realistic patina copper effect to metal in a nontraditional way.

It all began when a customer requested a faux patina effect without the use of toxic chemicals. Scott quickly got to work figuring out a new powder coating technique that could achieve the best outcome. The resulting layered process uses a ragging or sponging technique common among faux painters and crafters but without all the toxic chemicals needed to achieve a similar effect, making it environmentally friendly.

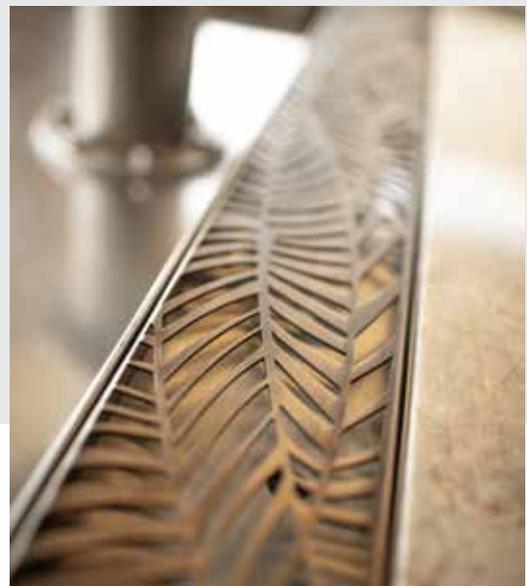
Any combination of at least two colors can be used for the main coat, then it's finished with a clear coat for a smooth matte finish. The patina shown in many of the photos on the next page have a copper base coat, anodized bronze second layer, and RAL 6034 pastel turquoise third layer. Each layer is partially cured until the powder flows out, then cooled before the next layer is applied. A light dusting of the effect colors with a sea sponge or brush is applied in between layers after the metal has cooled. When the last layered effect is cooled, the clear coat is applied at full cure.

"Our patina effect is perfect from day one," says Scott. "You no longer have to wait for aging to occur." For a distressed bronze effect only, he suggests skipping the turquoise layer and finishing with a durable non-yellowing clear. For steel gates, it's best to use a zinc-rich primer first before the base coat is applied. "Be mindful of mil thickness during the entire process," he adds, "and do not to exceed standards."

With this unique proprietary process, different effects can be created to suit your specs, from simple distressing to heavily distressed, aged looks. With different colors to create different effects, the sky's the limit.



**Brushed bronze effect**



**Photo courtesy of J. Anthony  
Martinez Photography**

# Coater Spotlight



After partial cure of the second layer of patina effect

Third phase of patina effect



Light distressed patina effect



Moderate distressed patina effect



Photo courtesy of J. Anthony Martinez Photography



Photo courtesy of J. Anthony Martinez Photography

To find out more,  
call 808/667-9690 or visit  
[www.mauipowderworks.com](http://www.mauipowderworks.com).

# Westside Finishing Co.

## Holyoke, Massachusetts

This family-based business has experienced major growth since it first opened its doors in the early 1980s. From its beginnings as a liquid coatings job shop, the company added its first powder coating line in 1986, relocated in 1994 and then expanded twice, and is now working out of approximately 30,000 square feet of space. They continue to grow due to a commitment to quality and service.

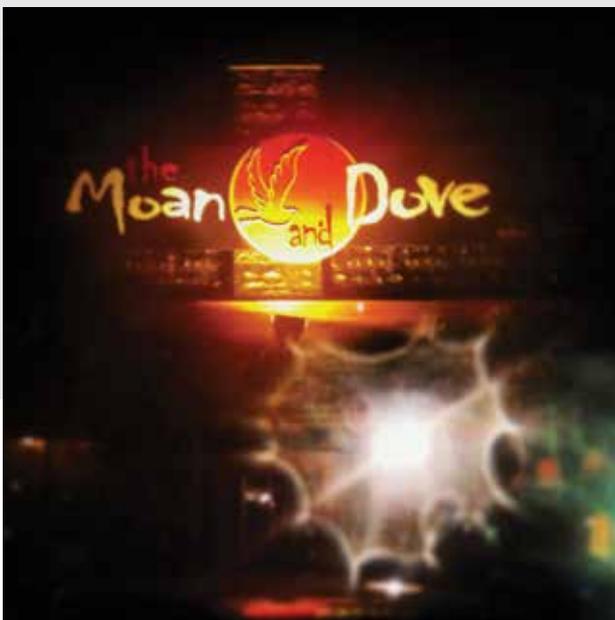
In addition, the company was the first custom coater to become PCI 3000 certified, which is an auditing program created by the Powder Coating Institute to evaluate the business practices, process elements, equipment capabilities, employee competencies, and quality control capabilities of a coater to produce a high-quality powder coated product with a high degree of customer satisfaction.

Westside Finishing's president Brian Bell is joined by his wife, Jeanne, the office controller, and son, Korey, the operations manager. They provide superior customer service and work hard to build loyal customer relationships based on trust and confidence. They want all customers to become repeat customers, continuing to come back for all of their powder coating, silk screening, subassembly, pad printing, and related needs. With family values guiding the way, Westside Finishing aims to be the leading powder coater in New England by keeping the promises it makes.

The metal work shown in these photos was done by Kamil Peters, and the parts were powder coated by Alex Rivera. They were coated with Axalta and Cardinal products using a Nordson gun in a Global Finishing powder booth and cured in a Rapid Engineering oven. Each of these projects were multi step processes that involved a lot of masking. They also wrapped all of the projects with a clear coat to seal them and prevent any powder coat edges due to masking from being exposed.



For more information,  
call 413/533-4909 or  
visit [www.wsfinish.com](http://www.wsfinish.com).



# Sherwin-Williams Coil Coatings

## Minneapolis, Minnesota

When Danvers High School in Danvers, Mass., embarked on a \$70.9 million renovation and expansion project, staying within the budget and on-schedule were at the top of its priority list. The project scope included building a renovated three-story academic wing, a new science lab wing, entranceway, cafeteria, and library with significant renovations to the field house and auditorium. The general contractor chosen for this project was Bacon Construction, Rumford, R.I.

The first floor of the three-story academic building was clad with insulated precast concrete panels. However, using the panels on the upper two stories was too expensive. Instead, the architects from DiNisco Design Partnership, Boston, Mass., used metal paneling to provide the color, look, and feel they desired.

The upper two stories were clad with insulated metal panels by Metl-Span, Lewisville, Tex., in a variety of profiles and coated with Sherwin-Williams Coil Coating's Fluoropon coating in Sandy Hook Grey and Igloo White. Not only did the Sandy Hook Grey Fluoropon coating extend the visual line of the first floor precast concrete elements, but the Igloo White added a nice accent to the architectural trim and building as a whole.

The coatings were chosen based on their ability to perfectly match the color of the precast concrete panels as well as offer a budget-friendly solution. They provide outstanding resistant to dirt, stains, and fading. The 70-percent PVDF architectural coatings guarantee both durability and aesthetics.



Photos courtesy of DiNisco Design Partnership of Boston.

If you would like to feature your architectural powder coating project in a future photospread, contact Alicia Tyznik, editor, at [atyznik@cscpub.com](mailto:atyznik@cscpub.com).

For more information on these architectural coatings, call 888/306-2645 or visit [www.valsparcoilextrusion.com](http://www.valsparcoilextrusion.com).