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# ***Making the Right Choice***

## *Paint versus Anodized Coatings for Aluminum Extrusions and Building Components*

**Spectrum Metal Finishing, Inc.**

**AESTHETICS, COLOR, DURABILITY AND COST** all play a role in the decision making process when selecting the right finish for your Commercial Construction project. Spectrum Metal Finishing, Inc. helps architects and glazing contractors make the right choice.

There are two primary finish options to choose from when selecting a coating system. Aluminum components can be either anodized or painted providing different performance characteristics and aesthetics. Architects are trending toward paint to create a signature color. Paint allows architects to match or complement other components on the project. Painted aluminum, either powder or liquid, has a distinct advantage over anodized when it comes to color options.

Paint allows unlimited hues and greater color consistency between components such as extrusions (vertical) versus panels (horizontal) and coil (ACM panels).

Painted aluminum is also more cost effective over time. The initial cost may be higher than anodized, however, the life cycle of the building plays a critical role where panels can be repainted or replaced if necessary - quickly and cost effectively. Whereas, a damaged anodized finish is very difficult to repair or replace with any given color consistency. The industry for painted aluminum is driven by the AAMA Specification. A majority of the high end architectural products whose performance and warranty requirements are critical, usually specify AAMA 2605 coating systems. The five most critical factors when



Spectrum Metal Finishing and AGS, Inc. worked side by side on the Will County Courthouse Project in Joliet, IL.

considering a finishing system for your project are cost, location, weather ability, field repair options and warranties.

**Listed on page 4 are the strengths and limitations on Paint versus Anodized Coatings in an effort to help make an educated decision on your next project.**

— **NEIL CHRISMAN III** *President*  
Spectrum Metal Finishing, Inc  
<http://spectrummetal.com>



# Meet our Spotlight Employee Bob Flaws

## BOB HAS WORKED WITH AGS SINCE BEFORE THERE WAS EVEN AN "AGS".

He is one of our first employees and will celebrate his 15th anniversary with AGS, Inc. this coming October. He has been welding since about 5 years after high school and has "welded almost everything under the sun." Mr. Flaws keeps himself busy with 2 adult children, Scott and Amanda, and his 11 grandchildren. Between sports and music, Bob enjoys spending lots of his free time with them. He has been playing guitar since he was 7 years old and loves recording music with his grandson David and granddaughter Leah who play piano, guitar and ukulele. Bob also played professionally with a wedding band for several years.

Not only does he enjoy making music, in 2018, Bob was inducted into the

Chicagoland USBC Hall of Fame. He was a professional bowler for many years and now bowls part time, but still competitively. This fall he looks forward to traveling to Reno with his oldest grandson, David, for the USBC Open National Bowling Championship.

Most importantly, he says, he would have never been so successful in life if it wasn't for his wife Nancy. Nancy and Bob are celebrating their 49th wedding anniversary this year. Everyone at AGS loves when Nancy bakes and sends Bob to work with her delicious home baked goodies.

The AGS project Bob is most proud to have worked on is Butterfield Library (pictured right). He says it was a great challenge. Thanks for sharing your stories & all your years of service and hard work, Bob!



Butterfield Library

## CUSTOM CURTAINWALL MOCK UP WEATHERS THE STORM

AGS, INC. PASSED THE TEST!  
This custom curtain wall mock up assembled and glazed by AGS, Inc. for the 330 N. Green St. project went through rigorous wind and water testing. This test method is a standard procedure for determining the resistance to water penetration under uniform and cyclic static air pressure differences of installed curtain wall using a calibrated spray apparatus. The series of testing ran over several days with individual tests running a duration of 15 minutes.



Click to play video!

*Our New Addition to the AGS Team!*

## AGS National Sales Manager Nathan Seaman

Architectural Grilles and Sunshades is proud to announce Nathan Seaman accepted the position as our National Sales Manager as of Monday, July 6th. He will be heading up outside sales and marketing efforts and driving growth opportunities for AGS, Inc.

Nathan brings to the table 14 years of manufacturing experience, 7 of which are in the aluminum sunshade industry. Most recently, he worked with Oldcastle Precast. Previously, he was employed with ASCA Design as the VP of Manufacturing and Business Development. He started his career in manufacturing as a welder and holds 26 different welding certifications. He and his family currently reside in California but have plans to eventually move back to the Midwest. His wife Marie and he met

in 2008 in a small church just outside of Milwaukee. They have 2 girls, Karis (8) who enjoys anything about Science & History, and Eve (5) who loves horses and dogs.

### HOW TO GET IN TOUCH?

Nathan can be reached at:

#### AGS MAIN LINE

708-479-9458

#### CELL

708-635-7962

#### EMAIL

Nathan.s@agsshade.com



# Spotlight Project

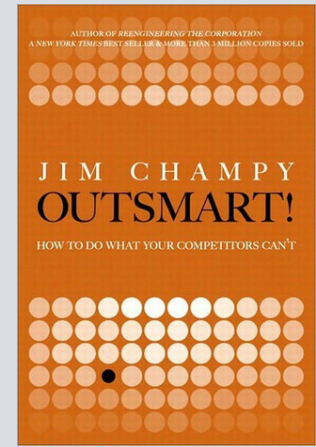
## Fairfield Inn – Bardstown, KY

Rooftop Trellis and an Atypical Sunshade System



**AGS PROVIDED THIS ROOFTOP TRELLIS, ADDING CONTEMPORARY AND FRESH DETAIL** to the Fairfield Inn's exterior. The trellis allows a recognizable feature, that is consistent for this hotel chain, that can be seen from afar. AGS was also tasked to create an atypical "S" shaped outrigger for their horizontal sunshades, while maintaining the ½" x 4" rectangular tube within the profile. This allowed the infill to run parallel to the buildings stone façade. Architectural Grilles and Sunshades can not only provide custom sunshades to suit your architectural vision but also offers Trellis Systems, Ornamental Grilles and Light Shelves. We can be your comprehensive source for distinctive architectural aluminum products.

— **SARAH BAUER** Project Manger  
**GLAVAN FEHER ARCHITECTS** Architect  
**SPOHN ASSOCIATES, INC.** Contractor



**This Edition's "Good Read" & Review**  
Outsmart! | By Jim Champy

Looking for a good book with some meat in it and a little inspiration? Check out our soon to be monthly book summaries featuring useful tips for business and the day to day on our blog at <https://agsshade.com/blog/>

### What's this all about?

*How to do what your competitors can't.*

#### Top 3 Takeaways

Frightened of the future, incumbent businesses dislike new ideas and quash them at every turn. Smart businesses are not timid or rigid. They are boldly ambitious.

Learn how to deal with risk. Do not panic. Remain icy calm. At the same time, expect to win.

Keep your eye on the customers, the people who matter the most. Find out what they want and deliver it better than anyone else. If you make that your single, solitary focus, you will never go wrong.

#### Top 3 Thought Provoking Quotes

"Opportunities lurk in neglected fields everywhere, especially in places where people take dysfunction as the expected way of life."

"Why do some people easily spot opportunities where others see only obstacles, if they see anything? The answer begins with the human penchant for living in a bubble – an airtight cocoon of assumptions, beliefs or worldviews."

"Many people who get caught up with a new business model or technology tend to give scant attention to the quality of their customer service."

<https://www.amazon.com/Outsmart-What-Your-Competitors-Cant-ebook/dp/B0094DY3GQ/>

# Don't see your AGS Inc. project displayed in this issue?

We'd love to show off your photos of recently completed jobs. Please send your project photos to Amy at amy.g@agsshade.com. Thank you!



## Liquid and Powder Paint Coatings

### STRENGTHS

- Excellent scratch and mar resistance
- High intensity color and vast array of color choices including naturals, mica and metallic
- Excellent color retention and UV resistance
- Outstanding protection against the elements, such as salt spray and humidity
- Abrasion and chemical resistance
- Powder-based coatings contain little to no VOC's
- High gloss levels for high traffic areas in 30 to 85
- Protection of structural integrity
- Field touch up/repair capabilities (fast and cost effective)
- Some ability to form the finished product

### LIMITATIONS

- Coating is mar resistant but can be scratched
- Potential for inconsistent appearance of metallic paints
- Solvent-based paints require addition of oxidizer to make environmentally friendly

## Anodized Coatings

### STRENGTHS

- Color stability if pigments are used (if color dyes are used, colors can fade)
- Hardness as compared to a sapphire
- Durability and abrasion resistance
- Protection of structural integrity
- Corrosion protection

### LIMITATIONS

- Limited color choices
- Batch-to-batch color variation (lower industry requirements than paint)
- Matte finish unless polished for some gloss (higher cost)
- Inability to touch up scratches or mars
- Surface imperfections of aluminum can be seen
- Limited ability to form finished product (will crack or craze)
- Spider web cracking on gloss or anodized surfaces can occur (caused by thermal shock, humidity, film thickness)
- Numerous chemicals used in anodizing process
- Aluminum alloy composition strongly influences anodizing color and corrosion performance