

GLASS

MAGAZINE[®]

THE GLASS AND GLAZING AUTHORITY • GLASSMAGAZINE.COM

THE
ARCHITECT'S
GUIDE
TO

PERFORMANCE SOLUTIONS

+

**BUILDING FOR
THE 22ND
CENTURY**

**ENERGY
BACKSTOPS**

APRIL 2020

44

Photo by Ben Eytalis, LunarVue Media Services LLC, courtesy of Technoform.

FEATURES

44. **Glass & Metals 501: Guide to Glass and Glazing Performance**

BY KATY DEVLIN

- 46. Performance and payback
- 48. Glass and glazing performance
- 54. Codes and standards

60. **120 Years in Glass**

NSG Pilkington's Rossford, Ohio, float plant traces the history of glassmaking in the U.S., with an eye toward innovation and change

BY KATY DEVLIN

INSIGHTS

24. **Your Profits: Management**

Sell a Company to the Next Generation

BY MARCO TERRY

28. **Codes & Standards**

Envelope Backstops in the Energy Codes

BY TOM CULP

32. **Glazier Bulletin**

Mock-Up Testing

BY STEVEN SAFFELL

36. **Trendhunter**

Finishing Trends to Watch

BY TAMMY SCHROEDER

40. **Factory Floor**

Time to Adopt New Technology

BY JOE ERB

“

HIGH-PERFORMANCE BUILDING IS NO LONGER OPTIONAL. BUILDING CODES REQUIRE IT. OWNERS AND OCCUPANTS INCREASINGLY DEMAND IT. AND OUR GLOBAL SUSTAINABILITY DEPENDS ON IT.

”

DEPARTMENTS

- 08. Editor's Notes
- 10. From the NGA
- 11. Glass Informational Bulletin
- 14. News to Know
- 20. Viewpoint
- 66. AIA Products
- 70. People
- 73. Classifieds
- 76. Suppliers Guide
- 89. Reader Response Center
- 90. Here's an Idea

On the cover: High-performance design is on display at UCLA's Marion Anderson Hall in Westwood, California. The project, designed by Pei Cobb Freed & Partners and associate architect Gensler, features a glass-enclosed atrium flooded with natural daylighting, and a high-performance glazed exterior with low-emissivity glass from Viracon and a thermal curtain wall system from Arcadia. Giroux Glass was the glazing contractor. Photo by Brian Peregrina, Giroux Glass.

ONLINE: To access the complete six-part guide, "All About Glass and Metal: A Guide to Glazing for Architects and Specifiers," visit glass.org/store.

UCLA'S MARION ANDERSON HALL, WESTWOOD, CALIFORNIA

HIGH-PERFORMANCE

SOLUTIONS: The centerpiece of UCLA Anderson School of Management's new Marion Anderson Hall is a glass-enclosed atrium flooded with natural daylighting. The atrium features $1\frac{3}{16}$ -inch high performance STC-rated laminated glass, which consists of $\frac{1}{2}$ -inch low-iron glass, a .030 PVB interlayer and a .030 acoustical PVB interlayer. The project also features a high-performance glazed exterior with Starphire insulating glass with Viracon VRE13-59 low-emissivity coating, and a thermal Arcadia T500 (OPG3000) curtain wall system. Photo by Brian Peregrina, Giroux Glass.

THE PLAYERS: Architect, Pei Cobb Freed & Partners; associate architect, Gensler; atrium glass fabricator, Glasswerks; exterior glass fabricator, Viracon; curtain wall supplier, Arcadia; glazing contractor, Giroux Glass.





MyGlassTruck.com
America's Glass Rack Leader



Top Quality Glass Racks & Truck Bodies Since 1989

All Racks Feature:

- Strong Aluminum Construction
- Aircraft-Grade Fasteners
- Most Glass Protection Padding
- Fuel Efficient - Large Payload



All racks ship fully assembled with step-by-step installation instructions.



Factory authorized installations available across North America.



Glass trucks built to order and in-stock for fast delivery.

Call Today for More Info and a Quote
1-844-364-4022



For every glass rack sold MyGlassTruck makes a donation to Susan G. Komen



Décor
by AVALON

WE SPECIALIZE IN CUSTOM DESIGN

You'll find Avalon's glass and mirror products in the most stunning high-end homes and meticulously designed commercial interiors. Designers and the glass industry alike have relied on Avalon's quality, expertise, and capacity for over 60 years. Partner with us on your next project to see why.

- Back-Painted
- Pattern Etched
- Ceramic Frit
- Acid-Etching
- Antique Styles
- Modern Styles
- Custom Styles & Finishes
- Case Goods & Stock Sheets



Installed by
Avanti Glass &
Mirror Las Vegas

Avalon Glass & Mirror | 800.422.8806 | avalonmirrorglass.com