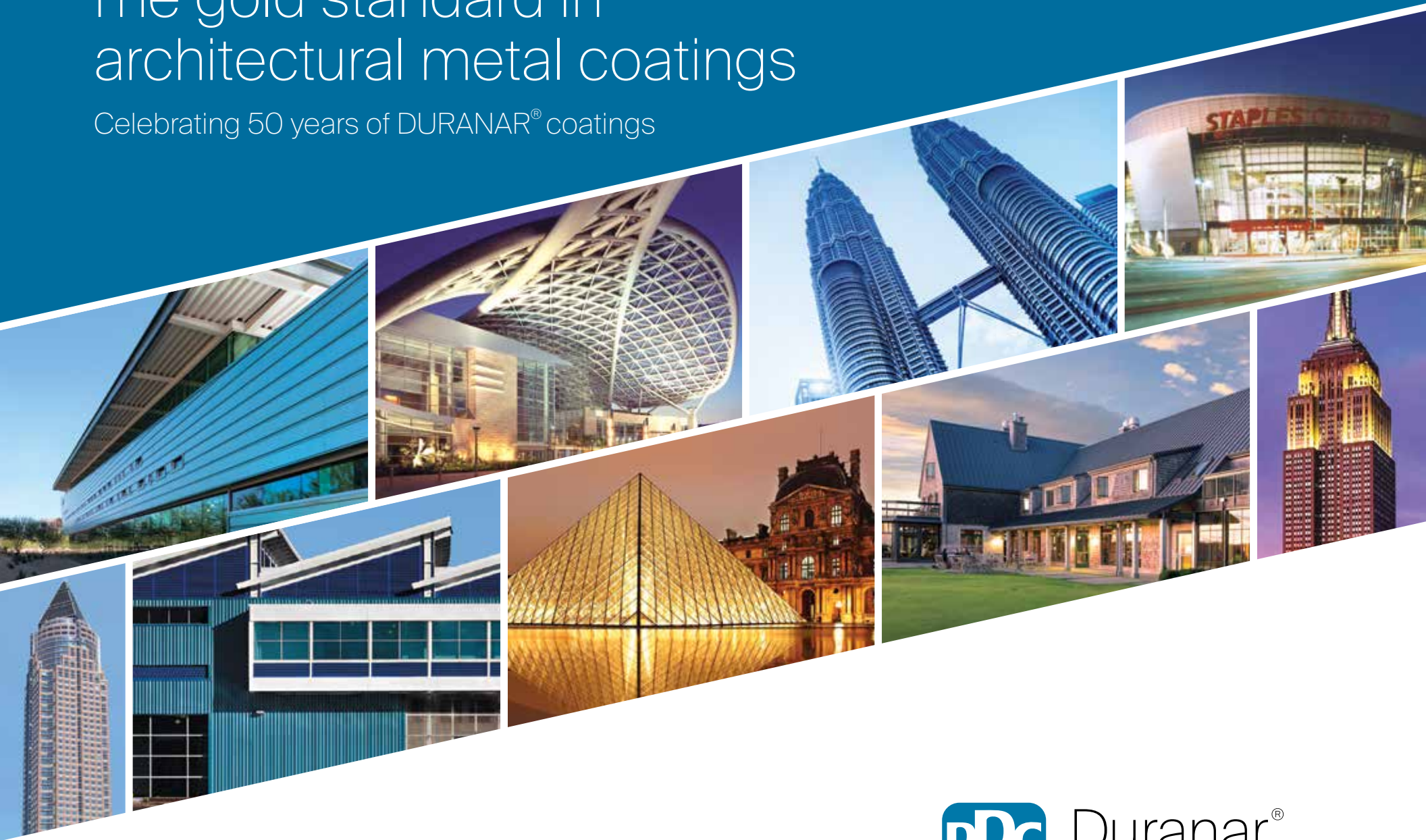


The gold standard in architectural metal coatings

Celebrating 50 years of DURANAR® coatings



Duranar®

50TH ANNIVERSARY | 1967-2017

Table of contents



Skyscrapers
pages 3-4



Landmarks
pages 5-6



Convention
centers
pages 7-8



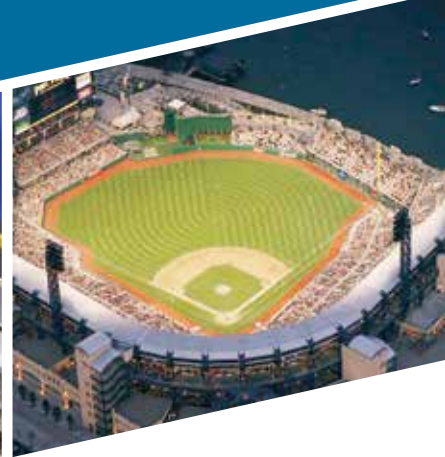
Transportation
facilities
pages 9-10



Libraries
pages 11-12



Sports venues
pages 13-14



Over the past half-century, DURANAR® coatings by PPG have been specified by renowned architects to protect and beautify some of the world's most instantly recognized architectural landmarks. Visit almost any major city – from Singapore, Shanghai and Hong Kong to London, Paris and New York – and you will see that the impact of *Duranar* coatings on their skylines is inescapable.

To celebrate the 50th anniversary of this ground-breaking product, we have published a brief retrospective of notable buildings finished with *Duranar* coatings. We hope you enjoy it.



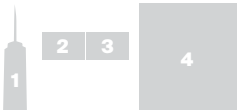
1 One World Trade Center (Freedom Tower)
Location: New York
Year: 2014
Duranar Coatings Colors: Bright Silver, Ozark Shadows
Architect: David Childs and Daniel Libeskind

2 CCTV Headquarters
Location: Beijing
Year: 2011
Duranar Coatings Colors: Silver, Black
Architect: Office for Metropolitan Architecture



3 Shanghai World Financial Center
Location: Shanghai
Year: 2008
Duranar Coatings Colors: Silver Grey, Green Grey
Architect: Kohn Pederson Fox

4 Shanghai Tower
Location: Shanghai
Year: 2016
Duranar Coatings Color: Bright Silver
Architect: Gensler



Curving, spiraling and soaring to 128 stories in height, Shanghai Tower epitomizes the latest in sustainable design for super-tall buildings, including metal building components finished with durable *Duranar* coatings.



PPG developed custom *Duranar* Empire Red coatings as part of a project to restore 6,400 windows on the 102-story Empire State Building. Using chemical analysis and a proprietary digital color-matching system, PPG formulators replicated the original window frame colors from 1933 in the famously enduring *Duranar* coatings formula.



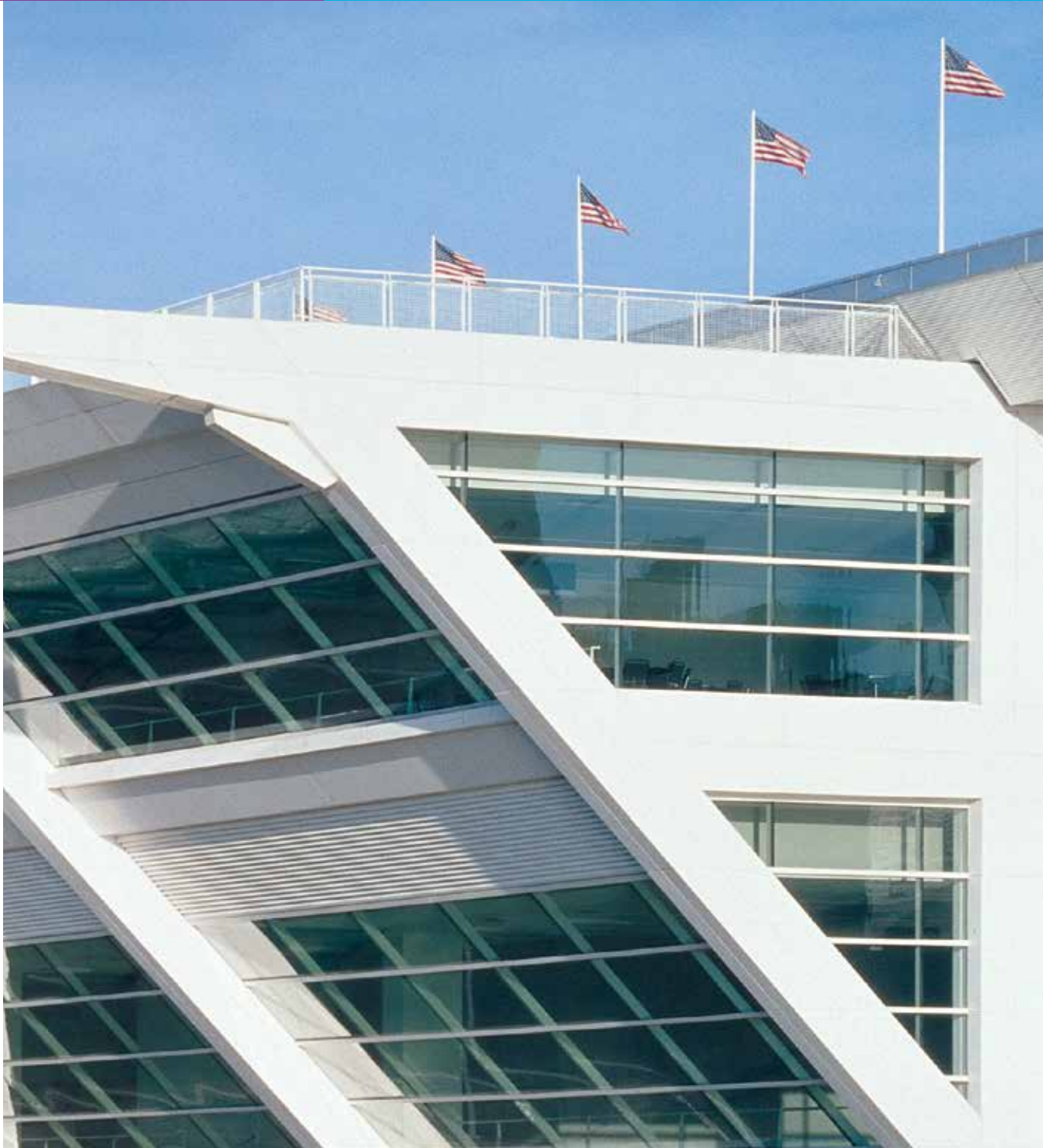
1 Empire State Building
Location: New York
Year: 1993 (Window Restoration)
***Duranar* Coatings Color:** Empire Red
Architect: Shreve, Lamb and Harmon

2 The Louvre Pyramid
Location: Paris
Year: 1989
***Duranar* Coatings Color:** Gray
Architect: I.M. Pei & Partners

3 Petronas Twin Towers
Location: Kuala Lumpur
Year: 1996
***Duranar* Coatings Colors:** White, Silver, Peppercorn, Gray
Architect: Cesar Pelli & Associates



The David L. Lawrence Convention Center in Pittsburgh is finished in a mixture of *Duranar* Silver and White coatings. Opened in 2003 as the world's first green convention center, it remains the only venue of its kind certified to LEED® Platinum (existing buildings) and LEED Gold (new construction) standards.



1 David L. Lawrence Convention Center

Location: Pittsburgh
Year: 2003
***Duranar* Coatings Colors:** Silver, Convention White, PA White, Convention Silver
Architect: Rafael Viñoly Architects

2 Puerto Rico Convention Center

Location: San Juan, Puerto Rico
Year: 2005
***Duranar* Coatings Color:** Silver Metallic
Architect: Jimenez-Rodriguez Barcelo and TVS Design

3 Jacob K. Javits Convention Center

Location: New York
Year: 1986
***Duranar* Coatings Colors:** Black, Saturnian Gray
Architect: I.M. Pei & Partners

4 Orange County Convention Center

Location: Orlando, Florida
Year: 2001
***Duranar* Coatings Color:** Glacier White
Architect: Helman Hurley Charvat Peacock/Architects Inc.

Architects specified DURANAR® VARI-COOL® coatings in blue-green Polar Flare and Jamaican Reef colors for Port Pavilion on San Diego's Broadway Pier. Uniting color-shifting pearlescent pigments with ULTRA-COOL® infrared-reflective coatings technology by PPG enabled the 52,000-square-foot cruise ship terminal to harmonize with its ocean-side setting, while earning LEED® certification at the Silver level.



1 2 3

4

1 Hartsfield-Jackson Atlanta International Airport - Maynard H. Jackson Jr. International Terminal

Location: Atlanta
Year: 2012
Duranar Coatings Color: Metallic Gray
Architect: Corgan Associates

2 Norman Y. Mineta San Jose International Airport

Location: San Jose, California
Year: 2010
Duranar Coatings Color: Regal White
Architect: Fentress Architects

3 Port of Miami Tunnel

Location: Miami
Year: 2014
Duranar Coatings Color: Crystal Blue
Architect: ArquitectonicaGEO

4 Port Pavilion on Broadway Pier

Location: San Diego
Year: 2010
Duranar Coatings Colors: Duranar VARI-Cool Polar Flare and Jamaican Reef
Architect: Bermello Ajamil and Partners, Inc.





The Appaloosa Branch Library in Scottsdale, Arizona, which opened in 2009, was the first building to feature color-shifting *Duramar VARI-Cool* coatings. Depending on ambient light and angle of the sun, the color of the library's metal panels travels from green to silver to mauve, projecting a light gray-green tint in its average state that melds seamlessly into the surrounding desert and mountain landscape.



- 1 Scottsdale Appaloosa Branch Library**
Location: Scottsdale, Arizona
Year: 2009
Duramar VARI-Cool Coatings
Architect: DWL + Architects and Planners, Inc.
- 2 John F. Kennedy Presidential Library and Museum**
Location: Boston
Year: 1992
Duramar Coatings Colors: White, Gray
Architect: I.M. Pei & Associates
- 3 Jimmy Carter Presidential Library and Museum**
Location: Atlanta
Year: 1986
Duramar Coatings Color: Gray
Architect: Jova Daniels Busby Architects





Fabricated from sculpted metal panels coated in *Duranar* Pure White coatings, the curtain wall for Centre Vidéotron in Quebec City draws inspiration from a snowdrift. The architects chose the color to celebrate the passion Québécois' have for winter, ice and snow.

1 Centre Vidéotron
Location: Quebec City
Year: 2015
Duranar Coatings Color: Pure White
Architect: Populous and ABCP Architecture

2 Staples Center
Location: Los Angeles
Year: 1999
Duranar Coatings Colors: Pure White, Champagne Metallic, Platinum, Slate Metallic
Architect: NBBJ

3 PNC Park
Location: Pittsburgh
Year: 2001
Duranar Coatings Colors: PNC Green, Blue, Deep Blue
Architect: Hellmuth, Obata & Kassabaum (HOK), Inc. and LD Astorino

4 Daytona International Speedway
Location: Daytona Beach, Florida
Year: 1998
Duranar Coatings Colors: White, Bright Silver Metallic, Majorca Blue, Shining Gold Yellow
Architect: DLR Group



