

PPG Profiles

Maynard H. Jackson Jr.
International Terminal
Hartsfield-Jackson
International Airport
Atlanta, Georgia



Case Study

The exterior curtain wall of the Maynard H. Jackson Jr. International Terminal features 264,000 pounds of aluminum extrusions painted with Duranar XL coatings by PPG.

Owner

City of Atlanta

Architect/Designers

Corgan Associates, Dallas
Atlanta Gateway Designers
(Gresham, Smith & Partners and Duckett Design Group)

PPG Products

DURANAR® XL Coatings
DURACRON® Coatings

PPG Certified Applicator

Keymark Corp.; Lakeland, Florida.

Metal Fabricator

Gardner Metal Systems; Acworth, Georgia

Curtain Wall Design

Harmon, Inc.; Minneapolis

Curtain Wall Installation

Harmon, Inc.; Minneapolis
Ebony Glass & Mirror; Decatur, Georgia

Project Overview

Hartsfield-Jackson International Airport in Atlanta is the world's busiest, hosting more than 90 million travelers per year, including 10 million going to and from international destinations. So when it came to designing the Maynard H. Jackson Jr. International Terminal, which opened in May 2012, planners not only wanted the new building to give passengers a pleasant respite from the stresses of modern air travel, but also to function as a wayfinding system that helped people from all over the world navigate its 1.2 million square feet of space.

For that reason, the architectural design of the terminal is characterized by sweeping metallic lines and curves that subtly guide passengers through the building while evoking a feeling of flight. The intuitive sense of flow is further heightened by the open, airy spaces inside the terminal and the abundant natural light that filters through its soaring glass walls. A total of 140,000 square-feet of metal panels and 100,000 square-feet of glass were used to complete the structure.

The exterior curtain wall was designed by Harmon, Inc. and installed through a joint venture between Harmon and Ebony Glass & Mirror, with metal fabricated by Gardner Metal Systems. It contains 264,000 pounds of aluminum extrusions manufactured by PPG certified applicator, Keymark Corp. Nearly all of the extrusions are painted with *Duranar XL* 70-percent fluoropolymer coating.



PPG Profiles

Maynard H. Jackson Jr. International Terminal
Hartsfield-Jackson International Airport
Atlanta, Georgia



Because it is chemically inert, the *Duramar XL* coating will enable the extruded panels to maintain their original metallic gray appearance throughout the life of the airport, even after decades of exposure to environmental stresses, such as chemical staining, acid rain, dirt and ultraviolet (UV) light.

Inside the terminal, *Duracron* coatings formulated in Bright White by PPG are used to frame wide expanses of glass and to complement the yellow walls and silver-gray columns that accentuate its sunny openness. As acrylic-based, spray-applied coatings, *Duracron* products are designed to meet American Architectural Manufacturers Association (AAMA) 2603 specifications. They also are especially well-suited to resist the impact, marring and damage that will result from the building's high traffic volume.

Like all new construction commissioned by the city of Atlanta, the Maynard H. Jackson International Terminal was designed with the goal of achieving an LEED® Silver certification level from the U.S. Green Building Council®

For more information on *Duramar*, *Duracron* and other architectural coatings from PPG, including infrared reflective *Duramar ULTRA-Cool*® and color-shifting *Duramar VARI-Cool*® technologies, visit www.ppgmetalcoatings.com or call 1-800-258-6398.



Duracron coatings formulated in Bright White frame the glass and complement the colors inside the terminal.



Duramar XL 70-percent fluoropolymer coatings cover nearly three-quarters of the exterior curtain wall. The coatings are exceptionally flexible and highly resistant to abrasion and chipping, helping the panels to maintain their original appearance for decades.

