



Customized
solutions
for an inspired
design

Mercedes-Benz Stadium

Top designers collaborate for a next-level stadium

Ambitious, innovative, and wholly-unique, Atlanta's Mercedes-Benz Stadium was designed to set a new benchmark in stadium builds. Watson Bowman Acme worked closely with established construction and engineering teams, as well as respected design firms like HOK, to meet the project's challenging build requirements with a set of customized products.

With its impressive geometric structure and polygonal surfaces, the Mercedes-Benz Stadium demanded an innovative set of solutions. In order to meet the project's inspired design and build parameters, WBA delivered both customized products as well as solutions from its Wabo® product line, and helped facilitate a seamless installation process.

WBA's efforts culminated in a balance between aesthetics, durability and life-safety, all while lending stadium-build expertise to construction, design, and engineering teams to help take the project into the end-zone.

WBA PRODUCTS USED



Wabo®FireFlex
Exceeds fire endurance ratings



Wabo®SeismicSpan
Surface-mounted cover plate



Wabo®WeatherSeam Exterior
Water-tight seismic system



Wabo®Evazote
Closed cell, UV stable foam seal



COMPLETION

2017

Atlanta, Georgia
USA

DESIGN TEAM

- HOK, lead designer
- Buro Happold Consulting Engineers PC
- Goode Van Slyke Architecture
- Stanley Beaman & Sears
- tvsdesign

CONSTRUCTION TEAM

- Holder
- Hunt
- Russell Moody
- JV

SIZE

■ 2 million sq. ft.
(185,806 sq. m.)

SEATS

- 71,000 for NFL games
- 32,456 for MLS games



PROJECT STATISTICS

- ½" low-height Wabo®SeismicPan, customized to meet stadium build requirements
- 10" foam joints make up the stadium's low-density Wabo®Evazote flooring system

Fit and finish meets safety

As fans start flooding into the Mercedes-Benz Stadium, safety reigns as a top priority. WBA planned for every eventuality with customized expansion joints for the stadium's high-end suites, private suites, concourse areas, and exterior panels and walls — all while ensuring that the design and construction teams' requirements were met.

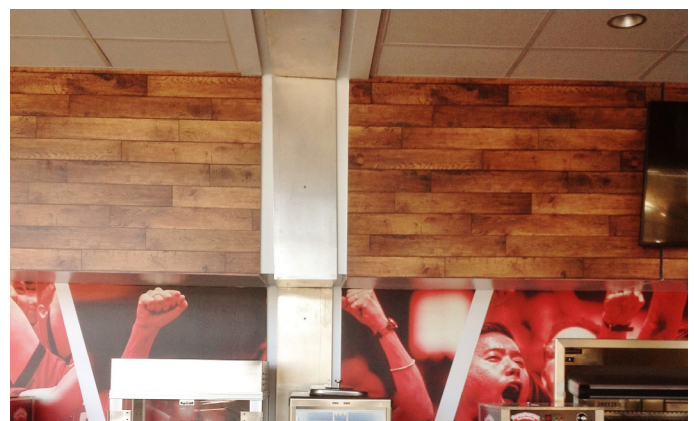
As a proven fire barrier system, Wabo®FireFlex is built to withstand fire and minimize smoke dispersal in enclosed environments. WBA customized its stainless floor system, Wabo®SeismicPan, to cover the concourse and lobby areas as a massive, multidimensional support system against earthquakes and seismic movements.

The stadium was further weather-proofed with Wabo®WeatherSeam Exterior, the ideal multilayered joint system and patented solution to leakage and weather damage.

To cap it all off, WBA provided a customized Wabo®Evazote—a low-density joint seal—to cover the stadium's expansive floor surface with an added layer of security.



This section of the concourse is dubbed the "100 Yards Club"



One of many Wabo® wall and ceiling expansion joints in the stadium