

STADIUMS & ARENAS



State-of-the-art expansion joint system for earthquake protection

SoFi Stadium

Innovative solutions for indoor-outdoor space

At \$5.5 billion and 3.1 million sq. ft, Los Angeles' SoFi Stadium is the largest and most expensive NFL stadium to ever be constructed. As you approach it you'll notice the field is not actually enclosed but that the roof is a canopy raised above and constructed of translucent glass to let natural light in.

This unique indoor-outdoor venue required custom solutions and a variety of Wabo® expansion joints were selected from Watson Bowman Acme's Parking Structures and Stadium/ Arenas product lines.

To address the threat of earthquakes, WBA's high performance wall expansion joint system capable of accommodating large multi-directional seismic forces was specified.

The standard Wabo®QuakeWall (QWE) system is designed to be up to 36" wide. However, due to the nature of the stadium's moat system, the engineers requested that WBA create a QWE to span up to a 89" wide joint opening.

WBA PRODUCTS USED

-  Wabo®GutterFlex (BOG, USG)
-  Wabo®HSeal (EH)
-  Wabo®SafetyFlex (SFP)
-  Wabo®FastFloor (FJF)
-  Wabo®QuakeWall (QWE)
-  Wabo®Fireshield (FSV, FSH)
-  Wabo®WeatherSeam (WSW, WSE, WSC)
-  Wabo®Fastwall (EWH)



INSTALLATION

2019-2020

COMPLETION

2020

Inglewood, CA

OWNER

- Stan Kroenke

DESIGN TEAM

- HKS
- Gensler

CONSTRUCTION TEAM

- Turner/ AECOM JV
- West Coast Expansion Joints and Courtney Waterproofing

SIZE

- Largest stadium in NFL
- 298 acres
- 3.1 million sq. ft.
- Largest video screen in NFL

SEATS

- 70,000 for regular games
- 100,000 for special events like the Superbowl and Olympics