

# FISERV FORUM ARENA

## KEY STATS

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Prefabricated Cold-formed Steel Panels

### LOCATION

Milwaukee, WI

### COMPLETION DATE

2018

### LEED RATING

Silver

### VALUE (WALL-TECH)

\$20 million

### SIZE

730,000 sf

### ARCHITECTS

Eppstein Uhen Architects  
Populous  
HNTB

### CONSTRUCTION MANAGER

Mortenson

Home to the NBA's Milwaukee Bucks, the new 17,500 seat arena is a multi-purpose building and plaza that houses open concourses, private suites, VIP clubs, terraces, concessions, and shops. Part of a downtown revitalization effort, this first "bird-friendly" entertainment arena stands 128-ft tall and features a massive glass wall façade with arched roof, a sloping section with multi-story, fritted glass, and zinc architectural panels.

Wall-tech had to get creative throughout the project. First, to circumvent the scheduling log-jam that limited accessibility in the shaft areas, the team built in an unconventional sequence to accommodate multiple trades. Unable to use a forklift or crane to position panels, Wall-tech also devised a remote-control wench system to get the studs in place. The team built a complex scope of mixed wall heights and fire-rated shaft walls engineered for full height studs with 15 PSF design loads.

### BIGGEST CHALLENGE

Mortenson Construction broke ground in June 2016, and the arena had to be ready by August 2018 for the start of the NBA basketball season.

### BEST SOLUTION

CFS prefab panels for exterior and interior framing allowed for smooth, immediate transition into drywall, taping, and caulking.



# WALL-TECH INSTALLATIONS

## 167 MILES OF STEEL STUD FRAMING

(829 EIFFEL TOWERS HIGH OR 5,374 OLYMPIC-SIZED POOLS LONG)

## 1,873,662 SF OF DRYWALL

(COVERAGE OF 33 FOOTBALL FIELDS OR THE EMPIRE STATE BUILDING)

## 5,000 GAL (43,000 LBS) OF DRYWALL MUD

(172,000 BRATWURSTS OR 43,000 CHIHUAHUAS)

**900 WORKERS SIMULTANEOUSLY  
ONSITE.**

**170 OF WHICH WERE THE WALL-TECH  
TEAM, INCLUDING 14 FOREMEN  
RUNNING SEVERAL CREWS**

*"We had to build the shaft walls backward. Since we couldn't access the backside of the shafts, we had to build these 100-foot tall areas from the top-down, on swing stages and spider lifts."*

Jeff Anderson  
Project Foreman

