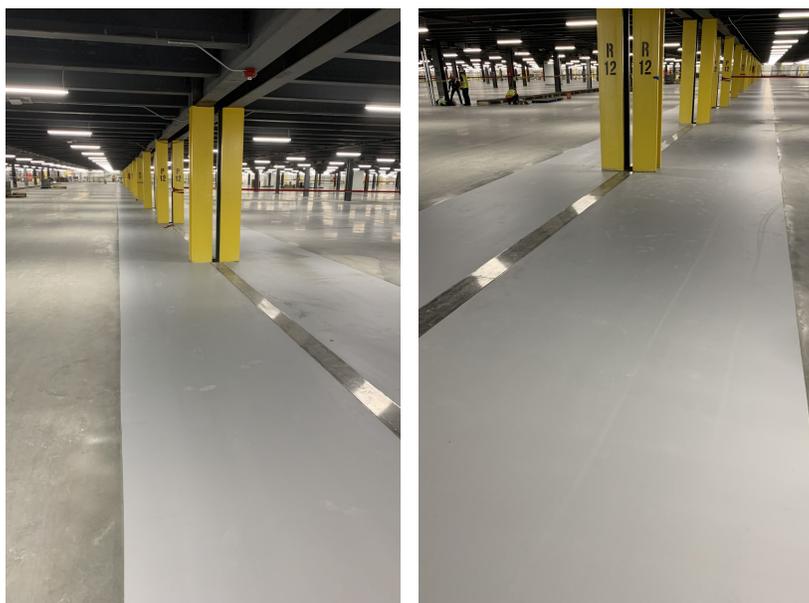
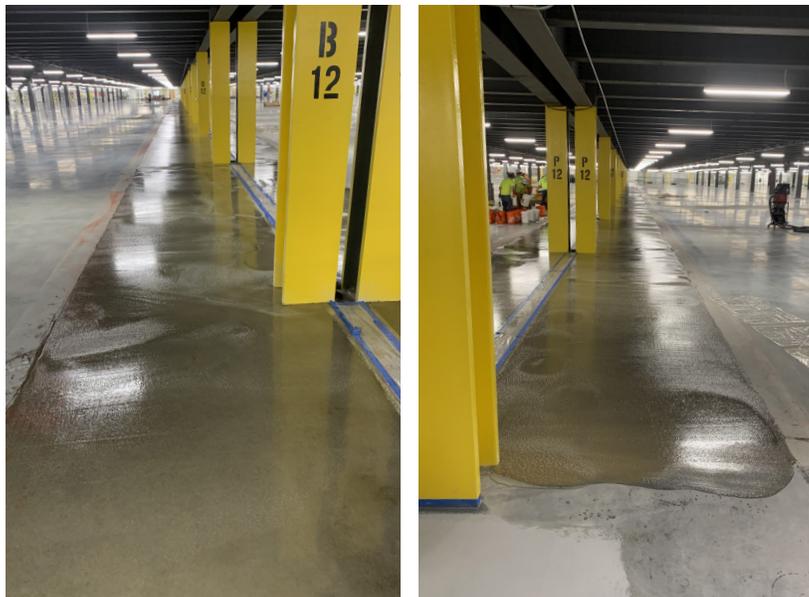




## PROJECT PROFILE

# ONLINE RETAIL DISTRIBUTION CENTER



## PROJECT DATA

**Location** – Spokane, WA

**Application** – Epoxy Repair

**Architect/Engineer** – DLR Group

**General Contractor** – Layton Construction

**Material Supplier** – Arrow Construction Supply

**Applicator** – Cameron-Reilly Concrete

**Total Area** – 30,000 ft<sup>2</sup> (9144 m<sup>2</sup>)

## PRODUCTS FEATURED

### FLEXOLITH®

Low Modulus Epoxy Binder for Polymer Concrete

### EUCO® TAMOSHIELD™ (Gray with Matte Finish)

Water Based Polyurethane Concrete Sealer

## SCOPE OF PROJECT

Create smooth transition for robots over joint in middle of building

## PROJECT SUMMARY

This four-story, 2.4 million ft<sup>2</sup> (731,520 m<sup>2</sup>) distribution center will store and ship products for one of the world's largest online shopping retailers. Robots are utilized on each floor to pick product to be shipped. The robots need to be able to run over all 600,000 ft<sup>2</sup> of each floor. Each floor has a joint the full 700 ft (213.4 m) width of the building, and connecting each side of the joint is a stainless steel plate. The steel plate was originally installed too high which prohibited the robots from covering the entire floor.

The solution, install FLEXOLITH (epoxy) mixed with a 20/30 silica sand to create an epoxy mortar. This product was put down at a depth of 1/8"-1/4" to a feather edge. This was done in an 8 ft (2.4 m) strip on each side of the joint. Once finished, the FLEXOLITH was ground flat and coated with EUCO TAMOSHIELD that had been tinted gray and made with a matte finish to protect the surface, as well as blend in with the existing concrete.