



CASE STUDY

Site Name

U.S. Bancorp Tower - Portland, OR

Tile Contractor

Don Frank Floors - Clackamas, OR

General Contractor

Turner Construction Company - Portland, OR

Structural Engineer

KPFF - Portland, OR

Architect

DDD Architects - Portland, OR

Featured Products

ARDEX ARDIFIX™ Low Viscosity Rigid Polyurethane Crack & Joint Repair
 ARDEX K 60™ Rapid Setting Latex Smoothing and Leveling Compound
 ARDEX DS 70™ Acoustic Mat
 ARDEX 8+9™ Rapid Waterproofing and Crack Isolation Compound
 ARDEX X 77™ MICROTEC® Fiber Reinforced Tile and Stone Mortar
 ARDEX FL™ Rapid Set, Unsanded Grout
 ARDEX WA™ Epoxy Grout and Adhesive
 ARDEX SX™ 100% Silicone Sealant for Tile and Stone Applications

Challenge

- Three-month installation time frame
- 15,000 square-foot installation
- Renovation on open office tower, night installations required
- Installation behind schedule after original tile contractor left job due to substrate conditions
- 2' x 4' tiles to be installed

Situation

A \$15 million renovation of the U.S. Bancorp Tower added 15,000 square feet of rentable space and updated retail facades, staircases and unique glass walkways. The floor substrate was curling and breaking after a toppings slab was poured. Time was crucial as installations had to be done in time for a media open house. Competing manufacturer's products were specified but could not meet installation requirements. The initial tile installer refused to work on the existing substrate so replacement installation products were needed for the job.

Solution

Don Frank Floors contacted ARDEX Sales Professional William White who involved Regional Sales Manager Aaron Chaffee to suggest tiling product solutions. Aaron and William recommended ARDEX DS 70, ARDEX 8+9, ARDEX X 77, ARDEX WA and ARDEX FL grout for the installation of 2' x 4' tiles. ARDEX Sales Professional Jon Esteve met with Turner Construction and suggested ARDEX ARDIFIX to repair substrate cracking. ARDEX K 60 then gave the floor a smooth, level surface for the tile installation. ARDEX Technical Field Representative Terry Hall conducted a job start and trained installers on using ARDEX Tile & Stone Installation Systems products. The ARDEX sales team, Aaron Chaffee, Jon Esteve and William White, supported this installation with multiple site visits. The project received a 10 year SystemOne™ warranty and was submitted for Project of the Year to a local building association.



U.S. Bancorp Tower Portland, OR



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