



# CASE STUDY

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**LOCATION:** LOMA LINDA, CA • **SUB-CONTRACTOR:** SIGNATURE FLOORING INC.

# PROJECT

## Loma Linda University Medical Center

### CHALLENGE

- Large project with many other trades involved
- Difficulty to access upper levels, staging material, mobilizing job on-site
- Extensive Technical consultation to establish proper CSP's and the selection of the correct ARDEX system products

### FEATURED PRODUCTS

**ARDEX K 10™ Reactivable™** - High-Flow, Self-Leveling Underlayment

**ARDEX K 15®** - Premium Self-Leveling Underlayment

**ARDEX P 4™** - Pre-Mixed, Rapid-Drying, Multipurpose Primer

**ARDEX MC™ RAPID** - One-Coat Moisture Control System for Concrete to Receive ARDEX Products

**ARDEX P 82™** - Ultra Prime

### SITUATION

A new hospital was getting constructed with two towers, 17 floors and comprising over 1 million square feet.

### SOLUTIONS

ARDEX experts, Mike Tracy and Aaron Christianson, worked with Dallas Smith, Senior Project Manager of McCarthy, and his project team members during the excavation phase early in 2017 to develop a custom floor preparation package suited for providing high performance compressive strength characteristics of resurfacing and ARDEX solutions.

Upon completion of site tests, to include absorption tests, the appropriate installation solution was developed together with the team of ARDEX Experts. They decided to use ARDEX Concrete Management Systems™ (ACMS), a patented, specified finishing method for new concrete construction that addresses challenges like moisture, flatness and levelness.

With scope and specs clarified, awarded sub-contractor Blake Grimsley of Signature Flooring Inc. decided to pursue the application on such large and vast footage with a faster and easier option. He upgraded the traditional hand-applied feather finish application with ARDEX K 10™ Reactivable™ Self Leveling Underlayment at 1/8" and utilized ARDEX P 4™ Rapid Drying Primer for increased production. For areas where the concrete deflected and needed additional material to achieve the required flatness, ARDEX K 15® Self-Leveling was used over ARDEX MC™ RAPID.

