



CASE STUDY

Project Name

Replacement Naval Hospital Camp Pendleton, CA

Installer

NCF Interiors - Washington, D.C

Contractor

Clark Construction Group / McCarthy Building Companies JV

Architect

Naval Facilities Engineering Command (NAVFAC) –
South West (San Diego)

Featured Products

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

ARDEX K 15® Premium Self-Leveling Underlayment
(360,000 square feet)

Other ARDEX Products

ARDEX FEATHER FINISH® Self-Drying, Cement-Based Finish
Underlayment

ARDEX CP™ Concrete Patch

ARDEX EP 2000™ Substrate Preparation Epoxy Primer



Challenge

- 500,000 square-foot installation area
- Four-story project
- 98% moisture readings
- Limited installation time frame
- Stringent construction budget
- Concrete slabs not flat enough to receive hospital floor covering

Situation

The replacement Naval Hospital at Camp Pendleton was scheduled to open in six months. The facility provides advanced outpatient services with a patient and family centered inpatient design comprised of 60 inpatient beds, nine operating rooms with dedicated orthopedic, cystoscopy and cesarean operating rooms and six universal operating rooms. Newly poured hospital slabs were not level in many areas and RH tests revealed 98% moisture readings.

Solution

ARDEX Americas Sales Professional Gordon Johnson, Architectural Specialist Jen Davis and Regional Sales Manager Aaron Chaffee worked with NCF Interiors to provide on-site technical support, quality control checks and product recommendations. ARDEX MC™ RAPID reduced concrete slab moisture from RH 98% to 3% in 24 hours with an ASTM F3010 perm rating of 0.1 or less. ARDEX K 15® provided a permanent, hard concrete substrate to meet floor covering manufacturers' exacting flatness specifications. Several ARDEX distributors provided uninterrupted delivery of ARDEX Products to NCFi and Clark Construction Group / McCarthy Building Companies JV. All ARDEX products used are made in the USA and conform to the *American Recovery and Reinvestment Act*

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