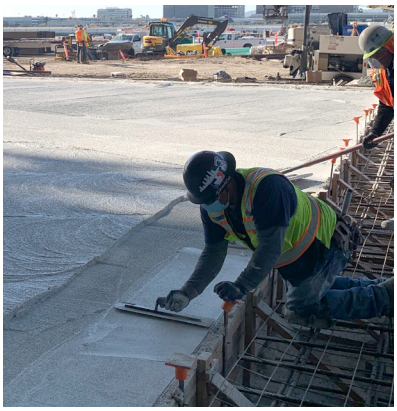
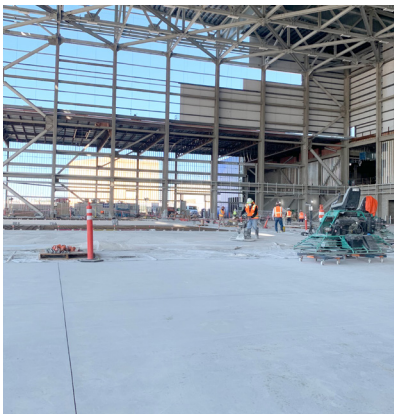
PROJECT PROFILE

LAX AIRCRAFT HANGAR SLAB

EUCLID CHEMICAL





PROJECT DATA

Location – Los Angeles, CA

Application – Dry Shake Floor Hardener

Architect/Engineer – FSB Architects & Engineers/ HNTB

General Contractor – Morely Builders

Material Supplier – CalPortland

Total Area – 450,000 ft² (41,800 m²)

PRODUCTS FEATURED

SURFLEX™
Non-Metallic Floor Hardener

DIAMOND CLEAR™ VOX®
Water-Based, Non-Yellowing Cure & Seal for Concrete

KUREZ™ DR VOX®
Dissipating Curing Compound

SCOPE OF PROJECT

- Application of non-metallic floor hardener
- Application of concrete curing compound

PROJECT SUMMARY

This project consolidates and modernizes the existing United Airlines aircraft maintenance and ground support equipment facilities at LAX (Los Angeles International Airport). This state-of-the-art complex is over 450,000 ft² (41,800 m²), built on a high-performance concrete slab to accommodate multiple aircrafts ranging from A319 to B777/B787. About 140,000 ft² (13,000 m²) of this slab was treated with Euclid Chemical's SURFLEX, a non-metallic dry shake hardener that was applied onto the freshly poured concrete and then troweled in. This will increase the surface strength over 12,000 psi and provide high impact and abrasion resistance. Two types of curing compounds were used for this floor: KUREZ DR VOX and DIAMOND CLEAR VOX. The use of these products resulted in an economical solution to provide high surface strengths for maximum wear resistance in this facility.