KRYTON CASE STUDY



Ephrata Public Utilities District Service Center

Ephrata, Washington, USA

Project
Grant PUD – New Ephrata Service Center

Location
Ephrata, Washington, USA

Project Size
34-acre site, 316,822 sq. ft. of facilities

General Contractor
Absher Construction

Concrete Supplier
American Rock Products

Distributor
Masons Supply

Product
Hard-Cem® Integral Hardening Admixture

Timeline
2025–2027

SMART CONCRETE®

Hard-Cem® Supports Long-Term Concrete Durability for Washington Utility Facility

Background

Grant County Public Utility District (Grant PUD) is developing a new $188.6 million service center in Ephrata, Washington, to support its growing utility operations. The 34-acre campus will include maintenance and fabrication shops, warehouse facilities, covered vehicle storage and operational support spaces.

Designed to accommodate more than 30 years of growth, the new facility will replace an aging downtown service center that no longer meets the utility's operational needs.

The Challenge

The existing service center, built in the mid-1970s, had become overcrowded and inefficient, with limited room for expansion.

The new facility requires durable concrete floors capable of withstanding demanding operational conditions, including heavy vehicle traffic, rolling loads, equipment movement and daily wear. Long-term durability is essential to minimizing maintenance interruptions and supporting reliable utility operations.

The Solution

Hard-Cem® Integral Hardening Admixture is being incorporated into the new service center's concrete slabs to improve abrasion and erosion resistance.

Unlike surface-applied hardeners, Hard-Cem is added directly to the concrete mix, providing wear resistance throughout the slab without relying on a separate surface treatment.

This approach supports Grant PUD's commitment to building a durable, resilient facility designed for decades of service. By improving concrete wear resistance, Hard-Cem is intended to help preserve floor conditions, reduce the potential for premature repairs and support long-term operational efficiency.

With construction underway and initial occupancy anticipated in early 2028, the project demonstrates how integral concrete durability solutions can support long-term infrastructure investments.



