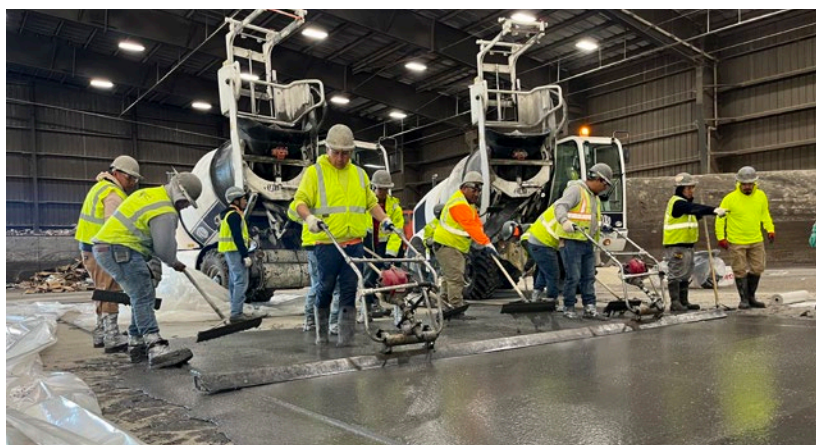
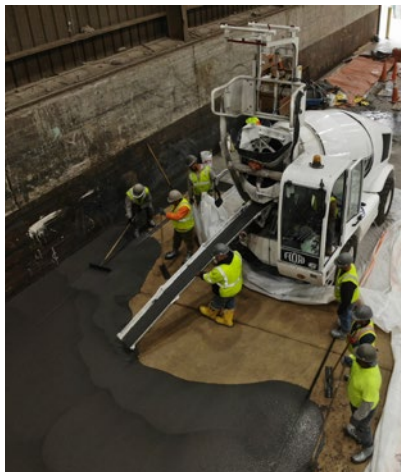
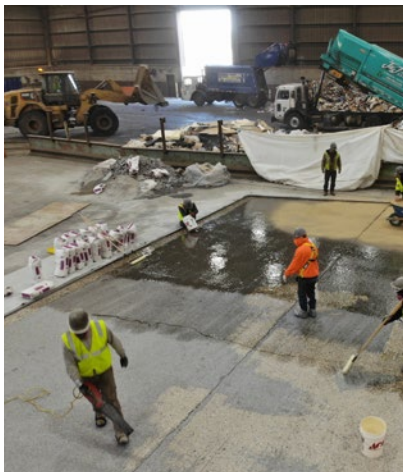




EUCLID CHEMICAL

PROJECT PROFILE

FREDERICK COUNTY SOLID WASTE TRANSFER STATION



PROJECT DATA

Location – Frederick, MD

Material Supplier – Euclid Chemical

Applicator – Infrastructure Repair Service

Total Area – 15,000 ft² (1400 m²)

PRODUCTS FEATURED

EUCOFLOOR™ 404

Wear, Impact and Chemical Resistant Concrete Topping

EUCOFLOOR™ EPOXY PRIMER

Medium Viscosity Epoxy for Bonding Concrete Toppings and Underlayments

EUCOBAR

Evaporation Retardant

SUPER AQUACURE VOX

Water-Based, High-Solids, Low Odor Cure & Seal for Concrete

SCOPE OF PROJECT

- Resurfacing of tipping floor with Eucofloor 404

PROJECT SUMMARY

Frederick County, MD constructed a solid waste transfer station in the early 2000s as their landfill approached capacity and the County needed a more efficient way to move waste to a partnering facility in Pennsylvania. The station was built with a base slab and a high-strength, steel-fiber-reinforced concrete topping, but early construction issues led to premature deterioration. By the mid-2010s, the floor showed significant wear, especially around the two high-traffic load-out ports. After learning that neighboring Howard County had successfully resurfaced its facility using Euclid Chemical's Eucofloor 404, Frederick County chose it as their preferred solution.

As part of the installation, the initial step was to mechanically prepare the surface by scarifying and shot blasting. After the mechanical prep Eucofloor Epoxy Primer was used to prime the base concrete substrate, ensuring a strong bond and long-term adhesion between the original surface and the Eucofloor 404 overlay. Eucofloor finishing aid was incorporated to help control surface moisture loss and improve workability in the demanding transfer-station environment. To complete the system, Super Aquacure VOX was applied as the curing compound, providing a durable, VOC-compliant moisture barrier. The project covered a total of 15,000 ft², completed in three separate installations over four years from 2021 to 2025.

Together, these Euclid Chemical products delivered a comprehensive resurfacing system that enhanced durability, improved resistance to wear, and restored reliable service life to this critical waste-handling facility. Euclid Chemical and our approved installer, Infrastructure Repair Service, also issued a 5 year warranty for both wear through and adhesion that covers both material and labor.