



AMERICOLD - BLOOMINGDALE, GA

PROJECT DESCRIPTION

A Thin Concrete Pavement (TCP) design was used for the new Americold facility in Bloomingdale, GA. This optimized pavement design, with 15+ years of proven performance in the South American market, was introduced to the US & Canadian markets in 2017. It provided Americold with a heavy-duty concrete pavement that competed with asphalt on a first cost basis and will provide them with **a longer lasting, light reflective, and more durable pavement, requiring less maintenance.** This project used 5.5 in thick concrete, reinforced with 4.0 lb/cu yd of FORTA-FERRO macro synthetic fibers, and has a 6ft x 6ft jointing pattern. This pavement was designed & analyzed using TCPavements OptiPave2 software and offered by way of PNA's Design-Build Pavement system. This pavement is being used for the loading docks, drive lanes, and parking areas for tractor trailer trucks. This contractor specifically requested FORTA-FERRO fibers for its **superior performance, mixing, and finishing properties.** By using this design, the owner was able to **reduce construction and maintenance costs while maximizing performance and service life.**

KEY POINTS

- Longer Pavement Life
- Increased Durability
- Reduced Overall Costs

DETAILS

Date: November 2019

Location: Bloomingdale, GA

Dosage: 4.0 lb/cu. yd.

Fiber: FORTA-FERRO® 2-¼"

Contact us for more details