

Project Spotlight



Americold Gateway Phase I Atlanta, GA

ASRS Freezer - SFRC ground bearing
Mat floor slab

With 193 facilities around the globe, Americold is a leader in technology-based solutions for the cold storage and supply chain industry.

Twintec was the chosen high-quality concrete floor slab provider for the construction of the ASRS Freezer in their "Atlanta Gateway" facility in GA. This freezer floor was a 21" thick Mat slab external pour and was reinforced with 75 lbs/yd³ of AFT +1/60 steel fibers.

Working closely with Griffco Design/Build, an industrial construction firm based out of Atlanta, Twintec designed the slab to be a fully monolithic concrete body minimizing cracks without any opening joints for 93,700 ft². Utilizing state of the art finite element software and decades of experience, Twintec engineers designed the slab to meet the unique strength and serviceability requirements to support one of the largest and complex ASRS rack-supported structures in the southeast.



Project Data

End User:	Americold	Slab Depth:	21" thick
Main Contractor:	Griffco Design/Build	Fibre Type:	AFT +1/60
Area:	93,700 ft ²	Fibre Dosage:	75 lbs/yd ³
Pour Days:	6	Completion Date:	April 2020

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Twintec is unique worldwide in offering a total responsibility package of Design-Build-Guarantee.

Design

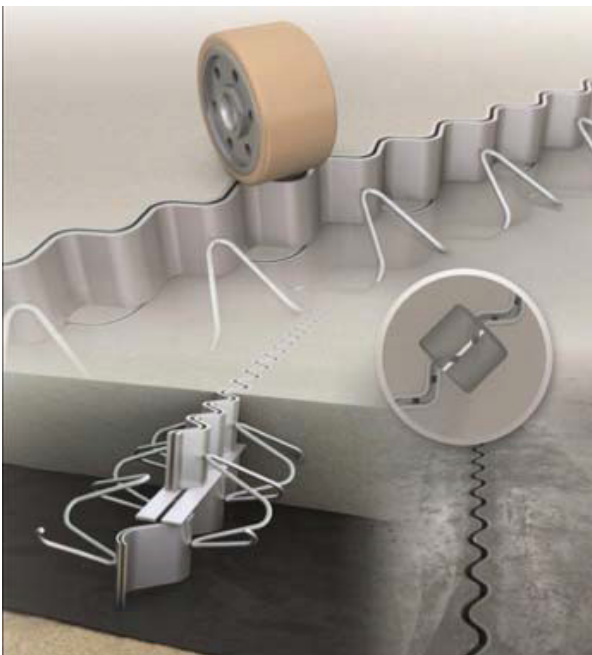
Twintec is a leading specialty concrete engineering and install firm in the USA. At Twintec, we believe our in-house engineering expertise goes a long way in assisting our clients. Our unique Twintec specialty slabs are designed to minimize future costs such as maintenance and repairs. Once a cold storage facility is operational, slab repairs, which involve materials and processes that are innately temperature-sensitive, become quite problematic. Such repairs can cause operational shutdowns that quickly jeopardise business profitability and operational capabilities.

Build

Twintec provides state-of-the-art install operations. Twintec USA crews are professionally trained to the global Twintec standards in terms of safety, quality, and operational excellence.

Guarantee

Twintec provides a unique 5-year guarantee on their finished FREEPLAN products and design-build services.



Contact the Twintec USA business team for further information:

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