

Project Spotlight



Lineage Logistics Oakland, California

Design and Construction of a 202,700 ft² Mat Slab on Insulation & Structural Mat Slab on Piles

Lineage Logistics, a global leader in cold storage and refrigerated warehousing services, has recognized the significant value Twintec USA can provide its facility in Oakland, CA through Twintec USA's experience and engineered solutions in the structural design and construction of concrete engineered structural mat slab bodies. Specifically, due to the soil present at the site and to protect the subgrade from sub-freezing temperatures, their project required a wearing slab on top of insulation, which was supported by a heated

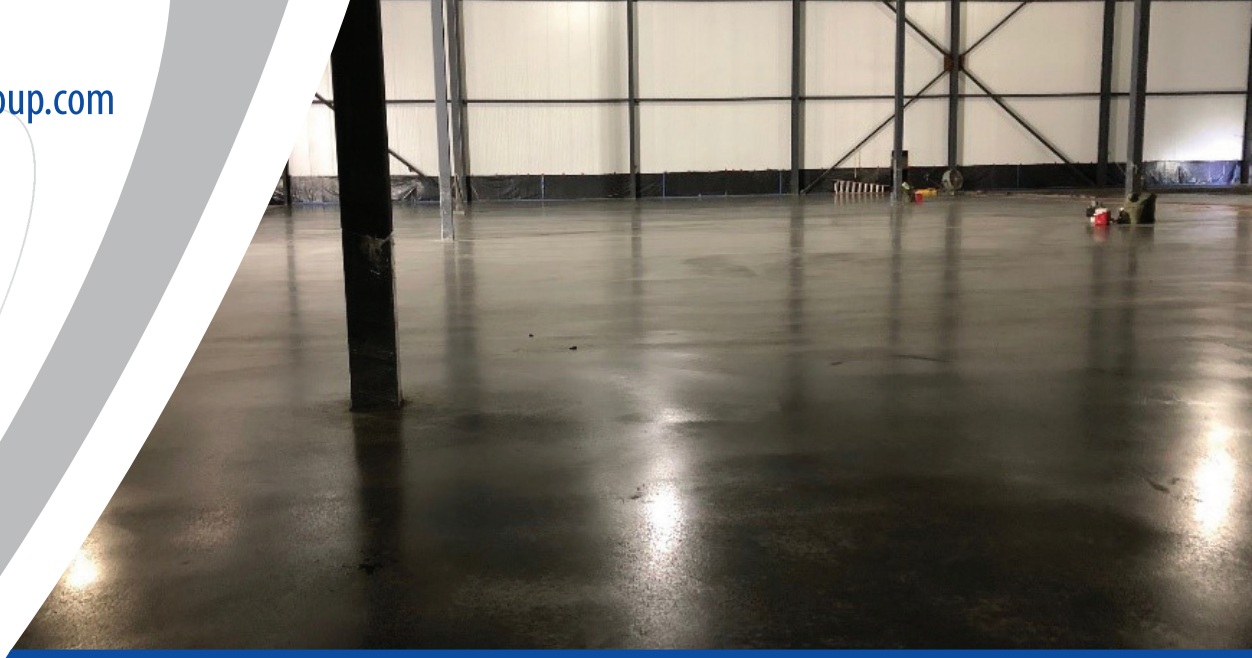
structural suspended slab on piles (SOP). The Twintec solution offered a FREEPLAN™ top slab free of sawn joints resting on insulation, which was supported by a separate structural SOP. With this solution, the SOP was designed to meet the structural needs of the facility at an economical thickness while the top slab was designed to meet the serviceability needs of the slab (absorb the wear and tear from mechanical handling equipment traffic and support the racking loads) both Twintec engineered slabs systems suspended on piles or supported over insulation performed exceptionally well. These solutions represent the combination of technical competence, custom solutions, and client commitment offered by Twintec USA on each project.



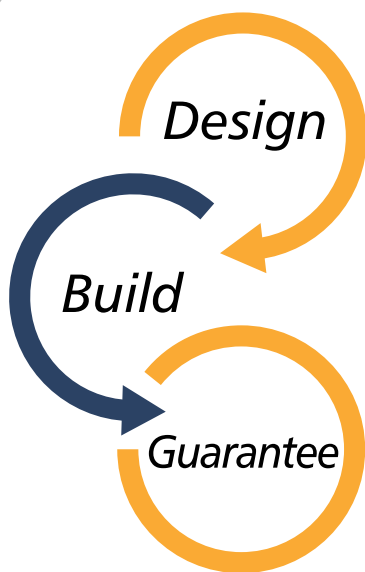
Project Data

End User:	Lineage Logistics
General Contractor:	Fisher Construction Group
Area :	202,700 ft ²
Building Height:	Approx. 50 ft.
Mat Slab Thickness:	8 in. (Top) + 16 in. (SOP)
Steel Reinf. Type:	AFT 1/60+ at 66-75 lbs/yd ³
Completion:	May 2018

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Lineage Logistics



Design

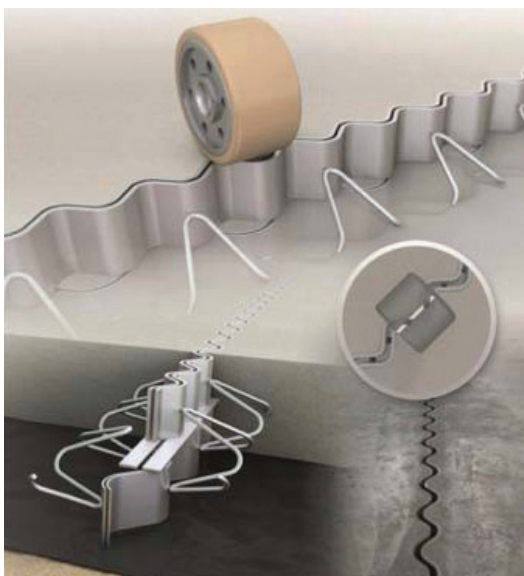
Twintec is the leading and only specialty concrete engineering and install firm in the US. At Twintec, we believe our in-house engineering expertise goes a long way in assisting our clients. Twintec has developed the most advanced methods to design structural concrete bodies as applied to both joint-free, reinforced flooring systems and structural flat concrete bodies.

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 a 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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