

Project Spotlight



Sarstedt, Inc New ASRS Distribution Facility

Newton, North Carolina

Design and Construction of a 51,000 ft² Twintec Structural Mat Slab on Grade

Sarstedt Inc., a leading medical equipment manufacturer, recently built a 96 feet high automated storage and retracted storage (AS/RS) distribution facility. Sarstedt was concerned about maximal flexibility and durability for their concrete flooring bodies, they asked Twintec USA to design and construct these. Twintec USA was asked to provide joint-free their flat concrete in all areas of the distribution facility. Sarstedt recognized the long-time experience and leading edge Twintec possesses with the design of structural mat slabs for rack supported buildings. FREEPLAN's flexibility is very useful when it comes to the drilling and boring needs seen with complex AS/RS projects. Twintec's turn-key FREEPLAN™ slabs included a FREEPLAN™ mat slab systems in the AS/RS rack supported area and specialty joint-free FREEPLAN™ slabs on grade in the shipping and handling areas. Twintec provided Sarstedt with their unique 5-year guarantee on all FREEPLAN slabs.



Project Data

End User:	Sarstedt, Inc
General Contractor:	Matthews Construction
Area:	51,000 ft ²
Building Height:	96 ft.
Mat Slab Thickness:	15 in. / 24 in.
Shipping Slab Thickness:	6in
Steel Reinf. Type:	AFT 1/60 at 75 lbs/yd ³
Completion:	November 2010



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Build

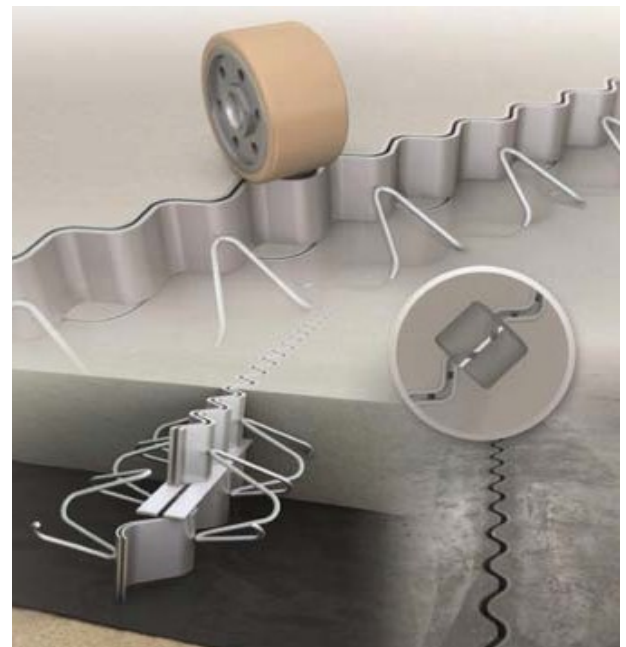
Twintec provides state-of-the-art install operations. Twintec USA crews are professionally trained to the global Twintec standards in terms of safety, quality, and operational excellence.

Guarantee

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

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 system and structural flat concrete bodies.



Contact the Twintec business team for further information

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