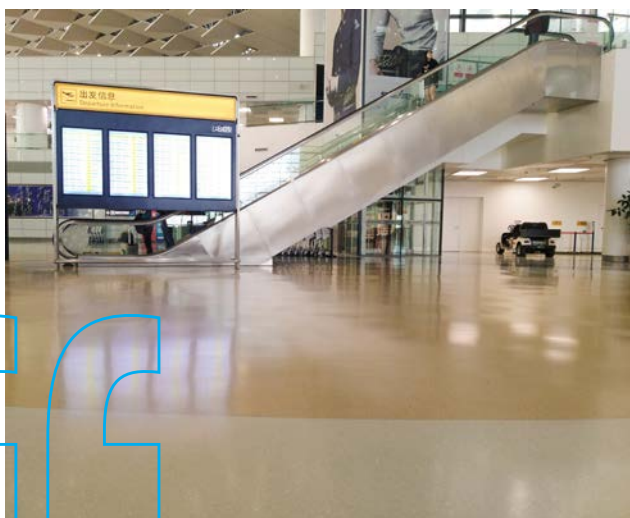


Zhengzhou Xinzheng International Airport Terminal 2



Zhengzhou Xinzheng International Airport's Terminal 2, located in Henan Province, China, is a significant infrastructure project designed to accommodate both domestic and international passengers. Covering an area of 5,000 m², this four-floor terminal was developed to handle the increasing passenger traffic at the airport. The design of the terminal was undertaken by China Northeast Architectural Design & Research Institute, with Shenzhen Feiyueda Building Decoration Engineering Co., Ltd. serving as the flooring contractor.

The challenge

The high traffic volume at Zhengzhou Xinzheng International Airport required the terminal's flooring to meet stringent standards for both aesthetics and functionality. The floor needed to be not only visually appealing but also durable enough to withstand the constant wear and tear from thousands of passengers daily. Given that this project was the first to use 4D fiber in an overlay application in 2015, the expertise of the flooring contractor was crucial to ensuring the floor's performance and longevity.

The solution

To meet the high demands of this project, a jointless flooring solution was ideal, using Dramix® steel fiber concrete reinforcement. The slab was designed with a thickness of 0.08 meters and a load capacity of 0.75 tons, with the fiber dosed at 25 kg/m³. This approach provided a seamless and durable flooring solution that met both the aesthetic and functional requirements of the terminal. The use of the Dramix® 4D

fiber not only enhanced the floor's crack resistance and durability but also ensured a high-quality finish, making it well-suited for the heavy daily traffic in this bustling airport terminal.

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Project Specifications

Project type: Airport Terminal
Application type: Jointless overlay (combi slab)
Product: 4D 65/60BG

Partners

Designer: China Northeast Architectural Design & Research Institute
Flooring Contractor: Shenzhen Feiyueda Building Decoration Engineering Co., Ltd.

