

Coca Cola Distribution Center

TYPE OF APPLICATION: Warehouse floor

LOCATION: Toluca, Estado de México, México

DATE OF CONSTRUCTION: 2006

ENGINEER:

CONTRACTOR: Caabsa Steel and Compañía CDI



Description of the project

This Regional Distribution Center, located in the Toluca area of Mexico, is a warehouse for the complete line of for Coca-Cola's soda and water products. The warehouse has been designed for forklifts to move products and for trucks to drive through to load products. The project also included a packaging area, diesel station, gas station and ancillary outdoor pavements. The main challenge was to design the appropriate warehouse floor to accommodate the complex use and loads it would see. The warehouse had to accommodate random pallet set up, uniform distributed loads, forklift aisles and traffic, and four different trailer access doors that handled various traffic patterns. The contractors found their biggest challenge was in the huge variance of temperature in the region. Early morning and night temperatures were close to 0°C and by noon temperatures reached to 25°C. The contractors and the concrete supplier had to closely monitor and adapt to this wide swing in temperature.



Gas filling station - Vibrating + laser screed - Warehouse

Solution with Dramix®

Fibre type:

RL45/50BN

Concrete thickness:
20 cm

Concrete quality:

Project size:
75000 m²

