



PROJECT BRIEF



WALMART DISTRIBUTION CENTER STEEL TROUGHS

Project Type:

Distribution Center

Application:

Specialty

Location:

Los Lunas, NM

Project Dates:

October 3–10, 2017

Project Owner:

Walmart Corporation

Product:

Rapid Set® DOT Concrete Mix

When Walmart Corp. was renovating a facility in Los Lunas, N.M., they were faced with a decision on how to handle existing steel troughs that had previously been used as a washout room. Pulling the troughs out and disposing of them would have been costly but leaving them in their existing state would have compromised the cleanliness of the space.

The decision was made to fill them with concrete. The mix chosen, however, would have to be corrosion resistant because of the extensive concrete surface area that was to be in contact with the steel. With its integral corrosion inhibitor, Rapid Set DOT Concrete Mix was used in this unique application.

The troughs measured 4-feet-wide by 2-feet-deep. One hundred and fifty bags of concrete mix were used and mixed at a ratio of two bags of material to 5 quarts of water. The concrete was poured in place, water cured and broom finished. All concrete products met the State of New Mexico's specifications and requirements.