

Location:

Farmer City, IL

Date of Application:

July 2009

Market:

Food and Beverage

Substrate:

Steel

Surface Prep:

Clean & Dry

Exposure:

Interior with heavy-duty physical or chemical exposure - frequently wet with frequent cleaning

Square Feet:

42000.0

Seed Corn Production Plant Checker Plate

Area Coated: Interior Checker Plate Floor Sheets

- First Coat: Sanitile 555

Project Description:

Interior checker plate floor sheets required coating in the new Conditioning Tower at Monsanto's seed corn production plant in Farmer City, IL.

Coating Selection Explanation:

The checker plate sheets came in primed from the fabrication facility with a moisture cured zinc primer. The primer was long past its recoat window and was going to require a brush blast prior to topcoating. Monsanto came to Carboline looking for a way to coat these sheets without brush blasting. Additionally, Monsanto wanted a system that would prove very durable and easily re-coated years down the road. Rustbond Penetrating Sealer was tested for adhesion over the moisture cured zinc primer and proved to have excellent adhesion with minimal surface preparation. Sanitile 555 was chosen for the finish due to its low odor, durability and ease of application. Additionally, the Sanitile 555 may be re-coated with itself years from the initial application with minimal preparation, this proved to be very important to Monsanto.

Additional Information:

The onsite Monsanto applicators commented on how easy the finish was to apply. They also commented that the odor was so low that they could coat large areas at one time and not "run" the other folks out of the area as they had done with a competitor's material in another part of the plant.

