

CASE STUDY

Food and Beverage



Project Specs

Location: Milwaukee, Wisconsin

Application: Adjustable Work Platforms, Cross-over Stiles, Stair Treads

Product: FGI Molded Grating, Fibertred® Stair Tread



Overview

Emmber Foods is one of two manufacturing divisions of Emmepak Foods Inc., a wholly owned subsidiary of Cargill Meat Solutions Corporation. Emmber foods is a leading producer of value-added meat products including cooked meats, deli meats, frozen hamburger patties, portion-controlled steaks and a variety of home meal replacement products. A leading innovator in food quality and safety, Emmber Foods produces meat for restaurant chains and food related industries.

Problem

Working on conveyor lines all day can take its toll on even the hardiest of workers. Employees at Emmber Foods in Milwaukee, Wisconsin were experiencing fatigue after standing on solid concrete and heavy non adjustable galvanized steel platforms all day. Emmber Foods called one of Fibergrate's distributors and asked for a solution. Emmber Foods was also concerned about safety and wanted to purchase a product that would not only ease the strain on the backs and legs of workers but would also provide a slip-resistant surface when wet.

Solution

Fibergrate's 1-1/2" deep, 1-1/2" square mesh molded grating was the solution. All of the new platforms, stands, and stairs were designed with Fibergrate's grating in mind. Aided by the gratings' light weight, the adjustable platforms were designed as an integral part of the boning conveyors. Since the platforms are attached to the conveyor, they have no support legs to interfere with cleanup of the floor. The aluminum oxide grit surface and natural corrosion resistant properties of the grating ensure that the product will last even when cleaned with harsh chemicals and 180° water twice every day. Fibergrate Composite Structures also provided material for cross-over stiles and Fibertred® stair treads for the stiles.

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