



## PROJECT PROFILE

*TuffRez<sup>®</sup> HF provides hygienic, thermal shock resistant flooring for food plant expansion.*



### CUSTOMER

**Unilever**  
Owensboro, KY

### PROJECT TEAM

Installer: GWP Flooring – Vienna, IL

### PROJECT OVERVIEW

Unilever is one of the world's largest manufacturers of food, home and personal care products with over 400 brands. Their product arsenal includes recognized names such as Ben & Jerry's, Country Crock, Dove, Hellmann's, Lipton, Pond's, Q-tips, Skippy, and Slim-Fast. The plant in Owensboro manufactures multiple food products including frozen noodle dinner items under the Lipton brand name.

A recent expansion project created a need for a heavy duty floor system in several areas. Unilever chose PolySpec's TuffRez<sup>®</sup> HF Polyurethane Topping Mortar because of its superior performance characteristics, proven track record within the food industry and built in Ultra-Fresh<sup>®</sup> anti-microbial. This system provides a seamless, hygienic, thermal shock & chemical resistant floor topping that resists heavy wear and abuse common in food & beverage plants. TuffRez<sup>®</sup> HF has been utilized in industry leading facilities such as Pepsi Bottling Company, Coca-Cola, Coors Brewery, Kraft Foods, and Tyson Foods to name a few.

### KEY CONSIDERATIONS

**Thermal Shock Resistance:** The floor must resist thermal shock from repeated hot water wash downs. TuffRez<sup>®</sup> HF has the same coefficient of expansion as concrete allowing it to resist repeated exposure to thermal cycling.

**Hygiene:** With recent occurrences of product contamination within the food industry, facility cleanliness and hygiene are paramount. TuffRez<sup>®</sup> HF offers a seamless, easy to clean floor that is formulated with a built in performance anti-microbial, Ultra-Fresh<sup>®</sup>, that inhibits the growth of bacteria and microorganisms throughout the entire system.

**Durability:** The floor must provide long term durability with minimal maintenance and repair. TuffRez<sup>®</sup> HF resists premature wear from all aspects of the abusive environment common in food processing facilities.

### SYSTEM PRODUCTS

- **TuffRez<sup>®</sup> HF:**  
Polyurethane Topping – Trowel Applied