



PROJECT PROFILE

TuffRez® RT polyurethane concrete used to resurface floor and protect from thermal shock and chemical attack.

CUSTOMER

Bottling Plant

Nashville, TN

PROJECT TEAM

PolySpec® Construction Services, Inc.

Houston, TX

Contractor: Mainline Services

Houston, TX

INDUSTRY

Food and Beverage

PROJECT OVERVIEW

After over 30 years of abuse from caustic chemicals and hot water wash downs on a bare concrete floor, the concrete was left pitted and eroded with exposed aggregate and severe deterioration.

The owner wanted to resurface the floor with a system that would prove to be a long term investment. The topping needed to withstand chemical exposure, constant thermal cycling and water exposure, and all other factors common to the beverage industry.

In addition, the flooring material could have no odor during installation for fear of product contamination. The contractor chosen had to be able to provide a complete turn key installation with minimal down time.

TuffRez® RT was chosen because of its low odor, durability, ease of installation, and extremely fast turn around time.

PolySpec Construction Services provided onsite project management during the installation to ensure total success and peace of mind for the customer.

KEY CONSIDERATIONS

Durability: Topping had to be able to resurface areas of extreme erosion, and provide a tough, long lasting floor that will withstand daily abuse.

No Odor: TuffRez® RT has no odor, so there is no fear of product contamination.

Hygiene: TuffRez® RT is a seamless topping that contains Ultra-Fresh®, a high performance anti-microbial that inhibits the growth of bacteria, fungi, mold and mildew.

Thermal Shock Resistance: TuffRez® RT withstands hot water and steam cleaning without cracking or delaminating.

SYSTEM PRODUCTS

- **TuffRez® RT**
Polyurethane Topping, Rake & Trowel



PolySpec Construction Services, Inc.
Single-Source Construction Management

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