



PROJECT PROFILE

Thiokol[®] flexible non-skid coating provides non-slip, chemical resistance for excessive oil drenched walkways.



CUSTOMER

NTN Bower
Hamilton, Alabama

PROJECT TEAM

Contractor: G & S, LLC. – Jemison, Alabama

PROJECT OVERVIEW

NTN-Bower Corporation is one of the largest manufacturers of precision roller bearings in North America. They service customers in the transportation, construction, and agricultural implement markets, as well as, niche applications for industrial clients.

www.ntnbower.com

The Hamilton, AL plant has a truly unique environment. Because of the manufacturing process, the floors are exposed to an abundance of oil, causing build-up and puddling in the walkways. Additionally, trenches covered by metal plates, which also need to be coated, are integrated in the floors throughout the facility.

Over the years, a multitude of non-slip floor systems have been installed, but they each delaminate and lose their non-skid texture within a matter of weeks. To the satisfaction of the plant engineer, a section of floor (both concrete and steel) was coated with Thiokol[®] FNEC 2515 Non-Skid surpassing a rigorous test period and thus outperforming competitive products.

KEY CONSIDERATIONS

Slip Resistance: The system had to be able to provide slip resistance even with excessive oil on the floor.

Flexibility: The product used had to bond equally well to concrete and steel substrates without delaminating or cracking under heavy foot and lift truck traffic..

Chemical Resistance: The system needed to provide protection against long term exposure to the harsh chemicals in the oils used in the facility.

Fast Installation: The system is a self-priming (concrete substrates), low odor single-step installation process.

SYSTEM PRODUCTS

- **PolySpec TITE M-50:**
Anti-Corrosive Primer for Steel
- **RezRok 106:**
Epoxy Patching Compound, Fast Set
- **Thiokol FNEC 2515 Non-Skid:**
Concrete & Steel Coating, Flexible Novolac Epoxy Non-Skid