

Pepsi Bottling Plant Rocking Slab Stabilization

Erosion beneath warehouse concrete slab floor causing uneven joints and rocking slabs at **Pepsi Bottling Plant** in Nashville, TN

About The Project

Contractor Mid-South Concrete Leveling (MSCL)	Location Nashville, TN	Product Used Terrathane™ 24-003
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[Learn More About Terrathane™ 24-003](#)

Problem

- Erosion beneath warehouse concrete slab floor causing uneven joints and rocking slabs
- Forklift traffic travelling over the unsupported slabs caused the slabs to rock up and down and created breaks and fractures called “joint spalling”
- Rocking and unlevel slabs were causing jolts and bumps to forklifts, leading to falling loads and safety issues

Solution

- Clean out all joints and remove the debris

- Inject TerraThane™ 24-003 polyurethane on a 4 ft grid pattern to fill joints, voids and stabilize rocking slabs

Results

- Stabilized over 130 ft of slabs
- Work performed to minimize operational interruption
- Fast cure time ensured the installation locations would be drive-able during the same day as the installation

Project Gallery

