

Flooring Quickly Rebuilt with Devcon® Floor Patch™ Resurfacer in Just Two Hours

Problem:

A chemical plant's concrete floor beneath a belt extractor was deteriorating from chemical attack and constant vibration from the process. Due to using an inferior concrete floor repair product, previous attempts to repair the damage with concrete or cement grout had failed, as the concrete and grout eventually came loose, leading to leaks on the floor below. Due to the short two-day window available for the repair, it was critical the maintenance was done in line with the belt repair to assure a single shutdown and quick start up. The customer wanted a high quality, industrial strength epoxy solution that would provide longer durability and reduce the need of repeating the process.

Solution:

Devcon Floor Patch Resurfacer was chosen due to the product's durability and quick installation time. Devcon Floor Patch Resurfacer is known for its exceptional durability, making it an ideal choice for industrial flooring applications. Unlike concrete and grout, this epoxy-based system is resilient to constant vibration, ensuring a more stable and long-lasting repair. This characteristic is particularly valuable in industrial settings where equipment and machinery may cause frequent vibrations.

The Devcon Floor Patch Resurfacer proved to be the right choice to meet the customer's short time window;

- **Installation Speed:** After the damaged floor was removed, the product was applied quickly and efficiently. In this case, 636 ft² (59 m²) of flooring was successfully installed in just two hours.
- **Curing Time:** Devcon Floor Patch Resurfacer has a robust room temperature cure time. While specific curing times may vary, it generally achieves full cure within 24 hours of application.

This quick turnaround allows for minimal downtime, which is crucial in industrial settings where every hour of operation counts.

Project Outcome:

High Speed Repairs & Great Value

The successful application of Devcon's self-leveling, rapid curing epoxy not only met the project timeline, but also stayed within budget, resulting in a high customer satisfaction. This project's success has led to further applications of Devcon products throughout the facility.



Devcon Floor Patch used around floor penetrations before pouring Devcon Floor Resurfacer



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