

How a Large US-Based Auto Manufacturer Reduced Downtime and Safety Incidents in Their Manufacturing Plants



Slip-and-fall injuries are a common occurrence in the workplace. Automotive manufacturing plants are no exception.

According to the U.S. Department of Labor and Statistics, 15,930 injuries were reported in the automotive manufacturing industry in 2018, 21% of which were from slips, trips, and falls. These injuries can result in time away from work and prolonged medical treatment, and the most serious cases can be fatal. Common culprits that contribute to falls each year in automotive manufacturing plants include:

- Oily production floors
- Uneven walking surfaces
- Loose equipment or tools in walkways

Fortunately, most slip-and-fall injuries can be prevented with the right anti-slip products. There are many anti-slip products out there, but not all of them are engineered for your exact application. This means using these products often results in increased maintenance, unsightly aesthetics, and daily hassles (or worse, injuries and lawsuits).

One large US-based automotive manufacturer needed a long-lasting anti-slip solution on its plant production lines. Safeguard Technology provided the right tailored solution.

The Challenge

The automotive manufacturer had been using non-slip floor paint on their production line floors, but due to the weak mechanical bond to the concrete, the paint started to peel up and quickly wore off.

This created tripping hazards and interrupted production. Feeling overwhelmed and frustrated, the manufacturer needed an effective and permanent solution.

The Solution

The auto manufacturer was recommended Safeguard's cost-effective, high-performance Hi-Traction walkway covers by a trusted distributor. The prefabricated retrofit covers — an engineered combination of epoxy, resin, and fused alumina aggregate bonded to a variety of base materials — were quickly and easily installed over the concrete floors without interrupting production.

Safeguard's anti-slip covers are made to size, with predrilled holes exactly where needed, and the right fasteners for easy installation.

As it does with every customer for every type of application, Safeguard provided expert, consultative guidance throughout to ensure the auto manufacturer got the right product and the right fit.

Benefits of Safeguard's Walkway Covers

- Quickly and easily installed over existing surfaces, such as concrete, wood, metal plate, and grating using mechanical fasteners or adhesive
- Wide variety of shapes, sizes, and flexibility options
- Design solutions for every non-slip flooring need and visual preference

The Results

Safeguard's Hi-Traction walkway covers eliminated the slip risk on the production line floors, reducing overall lost time injuries at the plants.

"We received the plates and they are dimensionally correct as requested and the quality of manufacturing is great. I'm very happy with your product and would definitely consider Safeguard for future opportunities."

— Plant Engineer

About Safeguard Technology

Safeguard specializes in manufacturing customizable anti-slip products that are built to last longer in the toughest environments on Earth, including oil and gas, maritime, and food and beverage processing. We understand your safety concerns and know how important it is to have the right anti-slip solution for the job, which is why we engineer our products to perform reliably and back them all with five-year warranties.

Our products — which include anti-slip covers for industrial and commercial steps, anti-slip walkway covers for elevated and ground-level walkways and flat areas, and ladder rung covers for round and square rung vertical ladders — reliably eliminate downtime caused by injuries and give you the peace of mind you need to focus on other aspects of your business.

Our focus is 100% on providing excellent anti-slip solutions. We are not simply a warehouse with one-size-fits-all products, but an experienced innovator that has your best interests at the heart of everything we do.

[Contact us](#) today so we can help you develop a plan to solve your unique slip-prevention challenges.



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