

MACLEAN CURTIS

BUFFALO, NY

MacLean Curtis Installs SlipNOT® Products as a Replacement for Worn Diamond Plate



THE SITUATION

Founded in 1905, Curtis Screw became a leading manufacturer of precision machined components and assemblies. The company's automotive business became a part of MacLean-Fogg Component Solutions in 2014. The company, now known as MacLean Curtis, currently supplies precision machined automotive components for powertrain, safety-critical and other automotive applications. In recent years, MacLean Curtis began phasing out diamond-steel cover plates that became worn after years of traffic in the Buffalo, NY facility. The company needed a slip resistant replacement as the environment is oily and can become dangerously slippery for employees and forklifts.

THE SOLUTION

During the process of phasing out diamond-steel, a mechanic at MacLean Curtis became aware of SlipNOT® and its slip resistant products. The company decided to run a trial on steel plates to decide if it wanted to use SlipNOT® throughout the facility. Results of the trial were submitted to the Safety Committee, which was impressed with the outcome. The successful trial has led to MacLean Curtis installing various SlipNOT® products in different areas of the facility.

Depending on needs and environment, MacLean Curtis has installed different Grades of SlipNOT® with different finishing options. Grade 2 steel plates have been installed in several areas and the slip resistance provided by the coating is sufficient for most applications. However, other areas have required Grade 3 steel plates for maximum durability and longevity. The Grade 3 steel is used in extremely high traffic and/or highly contaminated environments. MacLean Curtis sees a lot of foot and forklift traffic as well as incredibly oily floors, making the Grade 3 steel the best option. The company has also gotten SlipNOT® galvanized steel in addition to the more common mill or painted black finishing options. The galvanization provides corrosion resistance and an added layer of protection for the slip resistant steel.

THE IMPACT

SlipNOT® has proved to be an ideal solution for MacLean Curtis. The company has taken advantage of the customization options to ensure each order meets the needs of individual projects. Grade 3 is ordered for situations that need maximum traction and durability while Grade 2 is ordered when conditions are not as harsh. The company has also ordered various finishing options, including mill finish, painted black and galvanization.