

## Garlock Sealing Technologies

Palmyra, NY

### SlipNOT® Expanded Metal-Grid Grip® Installed on Rolling Stair Platforms and Landings at Garlock Sealing Technologies

Project: Garlock Sealing Technologies

Location: Palmyra, NY

Industry: Manufacturing

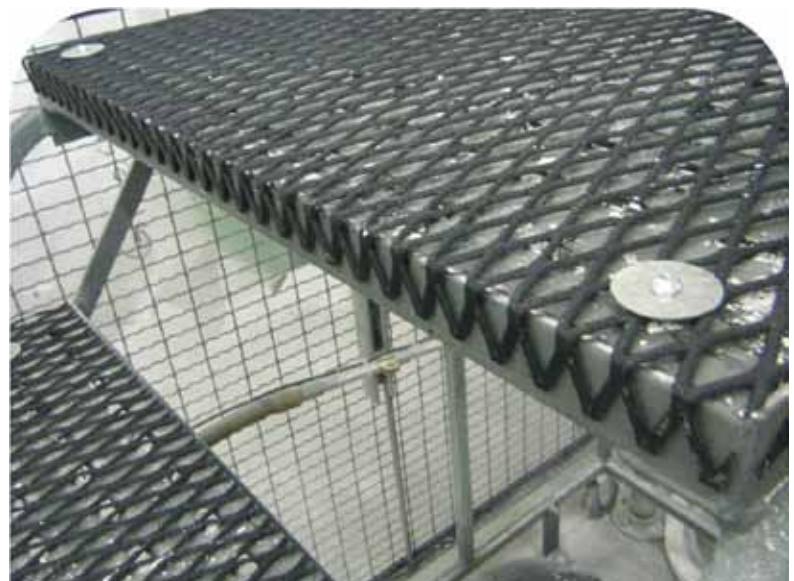
Number of Employees: > 1,800

Website: [www.garlock.com](http://www.garlock.com)

*Garlock Sealing Technologies is a world leader in manufacturing high-performance sealing products for a variety of processing industries. The company has 12 manufacturing facilities throughout the world that produce specialty fluid sealing products. At their facility in New York, stairs and platforms used to access machinery can become slippery during production times. Garlock Sealing Technologies searched for a cost efficient and timely solution for the slippery existing stairs and platforms.*

#### **The Situation:**

Garlock Sealing Technologies was struggling with safety on their rolling stairs and platforms that are used around machinery throughout the manufacturing facility. Powders, debris, dust and other slick substances were accumulating on the rolling stairs and platforms, making it unsafe for employees to utilize.



#### **SlipNOT® Project Summary**

- 3/4 #9 flattened expanded metal plate with a 1-1/4" nosing
- The slip resistant flattened expanded metal easily retrofitted over the existing metal platform and stairs to provide Garlock Sealing Technologies with a durable solution to their slippery stairs and platforms.

### ***The Solution:***

A manufacturing engineer from the fluid sealing technology company contacted **SlipNOT®** Metal Safety Flooring to find a non-slip retrofit solution for the existing rolling stairs and platforms. Steel expanded metal-Grid Grip® was chosen for the slip resistant retrofit solution because of the easy handling and low costs it offered.

The engineer did not want to completely replace the entire portable stairs and platforms, so various pieces of 3/4 #9 flattened expanded metal-Grid Grip® were custom fabricated with **SlipNOT®**'s all metal slip resistant steel coating applied to the top side of the metal grid. The expanded metal grid was custom ordered with a 1-1/4" nosing to provide additional grip protection, ensuring safety for employees who utilize the portable stairs and platforms.



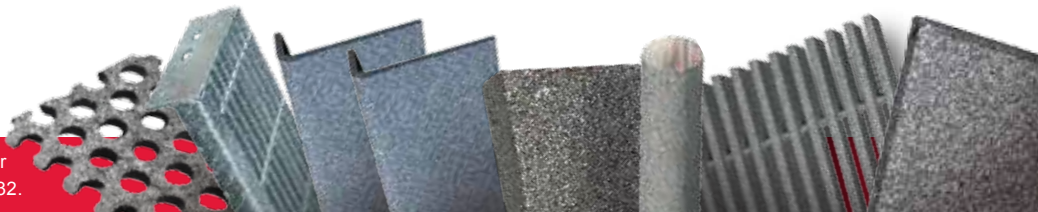
### ***The Impact:***



The portable stairs and platforms are used daily to provide easy accessibility to all machines, whether for daily maintenance duties or for repairs. The expanded metal-Grid Grip® was ideal for this situation because of the lightweight properties and simple installation it provided. The existing rolling stairs and platforms are also continually exposed to slick additives such as dust, powders and oils, so the openness of the expanded metal-Grid Grip® allowed for easy passage and prevented any build-ups of unsafe substances. Garlock Sealing Technologies has been so impressed by the flattened expanded metal grid, additional rolling stairs and platforms will be addressed and retrofitted with the flattened expanded metal-Grid Grip®. The metal-Grid Grip® was the best solution because of the easy installation and easy maneuverability it presented as well as the instantaneous slip resistance it provided.

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**SlipNOT®** Metal Safety Flooring products may be covered by one or more of the following patents; 5,711,119, 6,839,951 and 6,863,932.



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