

## Meridian Magnesium Die Casting

*Eaton Rapids, MI*

### Meridian Magnesium Die Casting Installs Aluminum Plate Flooring for Machining Center

Company: Meridian Magnesium Die Casting

Location: Eaton Rapids, MI

Industry: Manufacturing

Website: [www.meridian-mag.com](http://www.meridian-mag.com)

*Meridian Magnesium Die Casting has been actively seeking progressive ways to raise the bar on magnesium die casting design and manufacturing for over 25 years.*

*Their mission is to be the leading full-service supplier of innovative die casting components and assemblies in the global automotive market. Meridian Magnesium began operations in 1981 in Strathrow Ontario as a division of CAE Webster. As the years progressed business expanded and now Meridian Magnesium is a global company with many business ventures.*

#### **The Situation:**

When Meridian Magnesium began having issues with coolant dripping from machine parts onto the floor creating a consistently slick surface, the Safety Education Training Coordinator began to search for a solution.



#### **SlipNOT® Project Summary**

- 1/8" 60" x 84" 5052 Aluminum Plates with the Grade 2 surface
- SlipNOT® provided Meridian Magnesium with slip resistant aluminum plates, spanning a 12' area in the manufacturing plant.

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

Reaching out to **SlipNOT®** Metal Safety Flooring, the Safety Education Training Coordinator obtained a quote for cut to size aluminum plate that would span the 12' of flooring they needed to cover between the Machining Center and product racks. These plates would be installed over the existing concrete in the area, creating a safer walking surface for the operators of these machines. Meridian Magnesium chose to order the 1/8" x 60" x 84" aluminum plates with the Grade 2 coating applied that was quoted. The plates were cut to the required sizes and shipped to the customer wrapped in plastic to protect the aluminum plates and surface during transit.

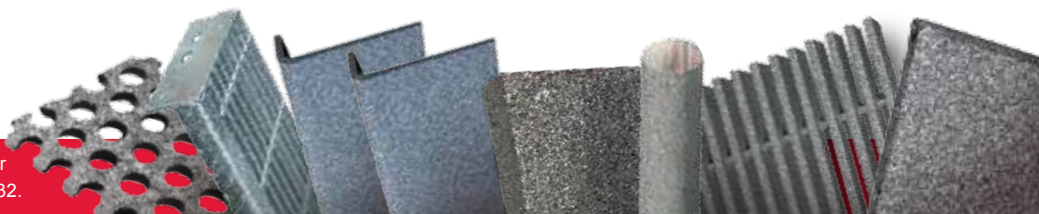
Once the material arrived to the customer, they were able to cut out the angles and notches that were needed for installation. **SlipNOT®** can fabricate the material with angles, holes and cut outs but Magnesium Products of America chose to fabricate in house to cut down on lead time. Once they were finished, the plates were fastened to the concrete flooring already in place in the Machining Center.

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

Since installing the **SlipNOT®** plates, Meridian Magnesium operators have not had any more issues with poor coefficient of friction with the Machining Center flooring. The peak to valley surface depth of the medium grade offers maximum traction and slip protection for workers in the Machining Center. Meridian Magnesium is considering additional areas where installing **SlipNOT®** products will help to decrease slip and fall accidents and injuries.

[www.slipnot.com](http://www.slipnot.com) | [info@slipnot.com](mailto:info@slipnot.com)

**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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