

CASE STUDY



PROJECT DETAILS

Project Name:

Marten Machining

Location:

Stevens Point, WI

Project Architect:

Ellis Construction

Manufacturers:

County Materials Corporation and County Ready Mix Corporation

Project Contractor:

Firkus Masonry

Key Products:

Reflection Stone® GRAND Masonry Units and Ready-Mix Concrete

Modern, High-Precision Manufacturing Facility Built Using Concrete Masonry Units and Ready-Mix

Solutions: Combined use of concrete masonry units and ready-mix; production facility requires precise level flooring

As Marten Machining continued to expand its team and operations, the company set its sights on building a new manufacturing headquarters in Stevens Point, WI. With the scope of work to be completed within the facility, building a safe, secure structure that could withstand a demanding work environment was critical.

In addition to structural aspects, modern visuals were also central to the facility's design. The company chose exterior veneer solutions that would create a dimensional, ultra-modern façade, reflective of the company's future-focused, innovative operations. To achieve this aesthetic, Reflection Stone GRAND Masonry Units, supplied by County Materials, were used in conjunction with several neutral-colored veneer solutions. The custom-colored beige-toned Reflection units complement and contrast with the exterior's chic white and black sections of veneer to complete the striking façade. In total, 4,200 SF of Reflection Stone GRAND Masonry Units were used to accent the building's exterior. Beyond aesthetics, the decorative concrete masonry units were preferred to enhance the project's longevity, as they offer fire and weather resistance while maintaining their appearance over time and providing lasting results.

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The production facility's most challenging design aspect was the precisely leveled floors required to operate the machinery correctly. If the floors were even slightly unlevel, the company's precision drilling operations could be compromised, and the facility would be deemed unusable. To meet these tight specifications, project leaders relied on County Ready Mix, a member of the County Materials family of companies, to provide over 1,730 cubic yards of 5000 psi mix to form the production floor. Thorough inspections were conducted throughout the duration of the project to confirm pours were accurate and met the facility's rigorous standards. Once cured, the easy-to-clean surface promoted a sterile work environment, ideal for producing manufactured parts.

The project's tight one-year construction schedule was maintained by using locally sourced, readily available products that could be delivered quickly with short lead times. County Materials Corporation and County Ready Mix Corporation provided timely and satisfactory concrete solutions that were critical to the success of this project.



// *Decorative concrete masonry units were preferred to enhance the project's longevity.* //

