



CFS IN THE FIELD

GRECO DEROSA

Greco DeRosa is an Illinois-based investment group that builds, maintains, and manages retail, mixed use, and industrial properties in the Chicago area. For the construction of the Enterprise West Chicago business center, the company specified the ProSlab™ Pavement System for the exterior concrete.

For more information on CFS products, please contact our sales team:

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PROJECT DESCRIPTION

The Enterprise business center is a cross dock facility requiring truck dock pavement on each side. With the additional area for car and truck driving and parking, in excess of 300,000 square feet of pavement was required. The concrete contractor recommended the use of CFS Type II fibers over wire mesh in the concrete mix.

Steel fiber reinforced concrete is beneficial in this application as it improves impact resistance, durability, and crack control.

Additionally, it is significantly easier to install than wire mesh or rebar, which translates to time and cost savings. Steel fiber provides three-dimensional reinforcement distributed throughout the concrete section, more efficiently imparting the properties of the steel. Typical reinforcement is only in one plane and does not provide the efficiency of steel fiber.

THE OUTCOME

Greco DeRosa selected the ProSlab™ Pavement system to ensure that high-quality, high-performing concrete pavement surrounds the new facility. Steel fibers are evenly distributed throughout the concrete mix, increasing durability and load-bearing capacity. Additionally, the reduction of cracks and the elimination of curling decreases maintenance costs.

Utilizing CFS 100-2 Type II steel fibers for concrete reinforcement in their ProSlab™ Pavement provided a cost-effective method for increasing the longevity of the facility's exterior paving.

PROJECT OVERVIEW

General Contractor:

Greco DeRosa
Bartlett, IL

Concrete Contractor:

M-JTJ Contractors,
Streamwood, IL

Ready Mix Supplier:

Prairie Ready Mix,
Bridgeview, IL

Engineer:

Matt Norman, CFS

Square Footage: 300,000

Truck Area Pavement

Thickness: 7"

Car Parking Pavement

Thickness: 5"

Fiber Dosage: 35 lbs/yd

