



INFRASTRUCTURE SOLUTIONS

PINKBAR[®] IN INDUSTRIAL DRIVEWAY

FIBERGLASS BAR VS STEEL REINFORCING BAR

Location:

M3 Fab & Powder Coating

2 Bader St.
Bloomfield, IA 52537

May 14 – 15, 2019

Project Overview

The project is a simple concrete pour of an industrial driveway with dimensions 30' x 60' with rebar 2' on center running each way. PINKBAR[®] Fiberglass[™] Rebar by Owens Corning Infrastructure Solutions (OCIS) was used as alternative to steel rebar. Approximately 1000 20-foot bars of PINKBAR[®] Fiberglass[™] Rebar by OCIS were used. PINKBAR[®] Fiberglass[™] Rebar by OCIS is twice as strong compared to steel reinforcements which enabled a smaller diameter, #3 or 3/8" sized PINKBAR[™] Fiberglass[™] Rebar, in place of #4 or 1/2" steel rebar.

Project Findings

Greater Ease of Use

- Lighter weight, 7x lighter
- ~2,140 lbs compared to 13,340 lbs for steel
- Easier to cut
- Easier to carry due to smaller packs inside the master bundles
- Cleaner to work
- Less fatigue on three-man crew

Installation Cost Savings

- Significant time savings to place bars
- Minimal maintenance on projects due to no rust

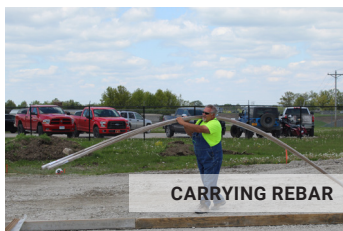
Testimonials

"I could lay this bar all day."

– Crewmember

"Concrete shows no issues compared to steel rebar in concrete and cured out well."

– Tyler M.
Owner, M3 Fabrication



CARRYING REBAR



CARRYING AND PLACING



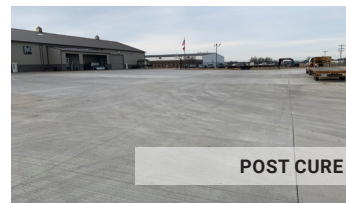
FULL PROJECT VIEW



PRE-POUR WITH CHAIRS



POST POUR



POST CURE



HOW WE BUILD NOW[™]



INFRASTRUCTURE SOLUTIONS

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