

BARDPRO FIBER FOCUS

F50

CASCADE, IOWA

CUSTOM PRECAST



- Performance Throughout the Life Span of the Concrete
- 100% Positive Placement
- Saves Time and Hassle
- Faster, More Efficient Construction

PROJECT DATA

APPLICATION TYPE:

Slab on Grade

FIBER TYPE:

BARDPRO F50

CUSTOMER:

Bryon Kelchen

CONCRETE PRODUCER:

BARD Materials,
Cascade Plant

When the original floor in the plant area at Custom Precast in Cascade needed to be replaced, Bryon Kelchen elected to use the F50 fiber for reinforcement.

Since his business needed to get back up and running as soon as possible, Bryon's decision was partially based on the fact that using fiber reinforcement would be faster than placing rod. He also preferred the uniform reinforcement of fiber throughout the slab. Moreover, it was quicker and easier to pour without having to pull up mesh or rod – and thus safer since there is no reinforcement to trip over.

When they removed the old concrete, his decision to use fiber on the new slab was validated immediately. He was shocked to see that even though great efforts were made to keep the wire mesh in place, most of it was on the bottom of the slab. Some of it was even down in the subgrade.

After pouring, a steel-troweled surface was applied and it finished beautifully.

When the new floor was less than a week old, Bryon went back to the plant area and was surprised to see approximately 30,000 lbs of concrete beams supported by two four by fours laying on the end of the new concrete. He had them removed immediately, worrying about cracks in his new floor. Once they were removed, he inspected the floor, and to his relief, found no cracking.

He is convinced he made the correct reinforcement decision and has used it since.

Contact your BARD Materials representative to integrate BARDPRO F50 Fibers into your next project.

