FIBERCON® SLAB Master

PRODUCT SHEET

FIBERCON SLAB MASTER™

Steel Fiber Reinforcement for Concrete

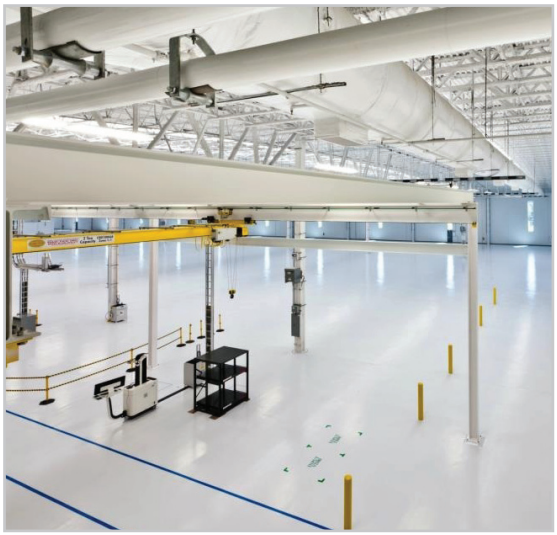
Why Fibercon's SlabMaster?

The concrete slab-on-ground is the heart of any building, the work platform where all activities occur. You get one chance to do it right. After the concrete is placed, you will have to live with your choices. Err on the side of serviceability and include Fibercon's SlabMaster reinforcement in your next floor design.

While there is no single "correct" design method for slabs-on-ground, there will be a practical minimum thickness for a slab after considerations of loading condition, subgrade, tolerances, and concrete strengths as reviewed by the designer. The majority of floor issues relate to serviceability considerations, such as cracking, curling or joint spalling.

SlabMaster with Fibercon steel fibers solves these problems. SlabMaster gives the designer the flexibility to use the proper dosage of fibers for each application. SlabMaster, when used in conjunction with Fibercon's design program, takes joint layout, cracking, curling, thickness and steel fiber dosage into account when designing a functional, cost-effective floor.

Rolls Royce



No joints, No cracks, No curling, No fibers on surface.

"I saw no fibers in the course of my inspection. These floors are remarkably free of visible fibers."

-George Garber, Face Consultants

Members: ACI and ASCC

aci international® American Concrete Institute

ASCC AMERICAN SOCIETY OF CONCRETE CONTRACTORS
Enhancing the Capabilities of Those Who Build with Concrete

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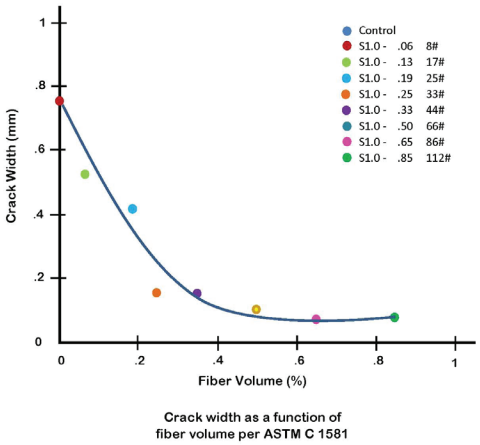
SlabMaster, using Fibercon's engineered steel fibers, meets all engineer and contractor requirements for reinforcement on slab-on-ground applications.

PERFORMANCE

SlabMaster's small randomly distributed fibers are an excellent means for providing crack control. By increasing the fiber dosage, crack widths become smaller and smaller until they are invisible to the naked eye. This versatility enables SlabMaster to design floors with conventional joint spacing of 15'x15' or extended joint spacing up to 100' in length.

SlabMaster has proven itself in the field in hundreds of millions of square feet of industrial floors over the past 40 years.



Crack width as a function of fiber volume per ASTM C 1581

Increase in fiber dosage, smaller cracks.
Tests conducted at Purdue University.

PRODUCTIVITY

- No time wasted to place and support mesh or rebar.
- LaserScreed and SlabMaster designed to be used in tandem.
- Improved scheduling.

COST

- No material or labor costs for mesh or rebar.
- No additional costs for re-chairing mesh or rebar from damage of LaserScreed or ready-mix trucks.
- More square feet of concrete placed per day.

SAFETY

- Fibers designed so that there are virtually no fibers on surface.
- Saw cuts are neater.
- Finishers love Fibercon's SlabMaster reinforcement for concrete floors.

"After 21 years of service, we are very pleased with the performance of this floor. Every piece of equipment and material delivered to this building has crossed this joint."

Ron Sterniak PE
Mgr. Engineering, Maintenance & Machining, Alcoa

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