



Georgia Bus Company Case Study

Problem:

A bus company in Georgia needed to remodel an existing building for their new EV bus factory. Virtually everything needed to be repaired or replaced, starting from the ground up.

Because the buses were going to be run on and parked on the floor, they needed flooring that was extremely durable and much more reliable than epoxy. They had experienced difficulties with epoxy in the past – breaks, cracks and chips, which caused the floor to be unsafe for workers. They wanted to be certain that safety was incorporated into the design for the new factory.

To further complicate the need, they were under both a very tight timeline and they were up against supply chain issues, as some of the other flooring companies couldn't deliver in the timeframe they needed. Flooring generally goes in last – after buildings are built or remodeled. However, in this instance, they had an unusual request: they needed to put the flooring down first and then build the factory on top of it!

Solution:

To meet their needs, we produced FiberFlex® to their specification, with the amount of aggregate desired, and in their specific pantone color code. We then trained and certified the installation team, and they applied FiberFlex® as soon as the substrate was clean, level and ready to receive a surface.

In addition to the slip-resistant FiberFlex®, we offered to provide yellow safety lines using our material. That way, they would not need to repaint every year or so.

In one hour, workers were walking on the factory floor and in 24 hours, they were running very heavy-duty equipment (including buses) across the floor while they continued the build out. We were able to apply FiberFlex® flooring and safety striping in record time, vastly reducing the typical amount of time for other flooring.

Results:

Our clients were delighted with the results – in terms of ease of installation in a brief period of time, return-to-service timeline, and the slip-resistant, waterproof, chemical-resistant features we offered. They have since requested additional flooring from us and continue to be ecstatic about FiberFlex®.

Materials Used:

Standard FiberFlex® in medium gray, 12'x25' with chemical seaming

FiberFlex® safety yellow striping, in 12'x4" with chemical seaming

Two-part adhesive

Project Size:

33,000 square feet + 3,000 square feet of safety yellow striping

