



# TIME TO **RETHINK** WHERE YOU STAND ON **CONCRETE**

## Steel-Fiber Reinforced, No-Shrink Concrete Floors with No Saw Cuts

The first jointless concrete floor with no saw cuts, **PRIMX** is a steel fiber-reinforced, no-shrink concrete flooring system. **PRIMX** contains steel fibers and two types of proprietary admixtures combined with ready-mix concrete to create a composite material. It requires no joints or saw cuts within each pour, eliminating a mile or more of joints per typical large-scale placement.

### **PRIMX**

- Jointless, No Saw Cuts
- No Shrinkage
- Virtually Crack Free
- Higher Load Capacity
- No Rebar - Complete Flexibility
- Flatter Surface, No Curling or Joint Sealant
- Durable with Less Maintenance and Longer Life

### **Applications**

- Distribution Centers
- Food Processing
- Industrial
- Automotive
- Aerospace
- Pavements
- Big-Box Retail
- Anywhere Floor Systems Impact Productivity



primxna.com  
1-888-85-PRIMX





# Stronger. Safer. Smarter.

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## PRIMX

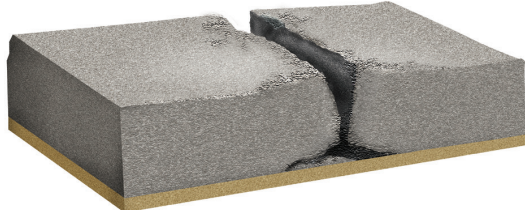
PRIMX eliminates joints, saw cuts and post-installation problems, increases productivity and reduces equipment repair. It has a much higher load-bearing capacity than traditional designs and allows racking to be placed without joint or rebar consideration.

## Concrete Reality

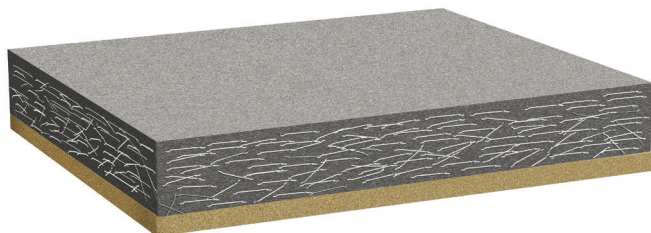
Advancements in composite materials, such as carbon fiber, plastics and polymers create thinner materials with increased strength and performance. While other materials have been improved, concrete has been virtually unchanged since the 1820s.

Traditional concrete:

- Is strong in compression, but weak in tension
- Is considered a quasi-brittle material, a brittle ceramic
- Needs to be cut in anticipation of cracks, sawing joints every 12 to 16 feet (3,64 to 4,87 meters)
- Requires rebar for reinforcement
- Curls and shrinks at joints, causing deterioration and reducing productivity
- Requires regular maintenance and repair



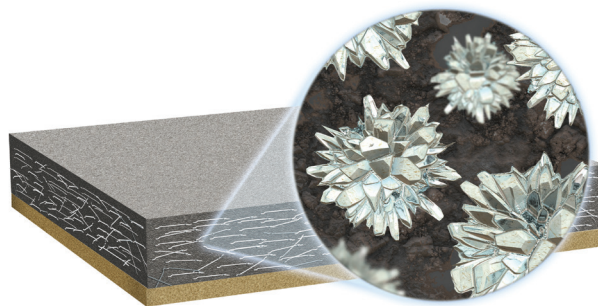
Traditional concrete: Curling at saw cuts and joint damage.



**PRIMX:** Jointless, stronger, doesn't curl.

## PRIMX Difference

During wet cure, the PRIMX system absorbs water, causing a delayed chemical reaction. The additives in PRIMX form a micro-scale composite structure, including crystals, that expand and compress the internal concrete matrix. This expansion puts **the steel fibers in tension** creating a permanent pre-stress compression.



## PRIMX Floors

- Are engineered to exceed design load requirements
- Increase material handling productivity
- Reduce equipment maintenance costs
- Allow storage racks to be placed and moved anywhere needed
- Are virtually maintenance free
- Have a significantly longer life cycle

PRIMX is eligible to earn LEED credit and has many sustainability benefits. It uses less material, eliminates hazardous silica dust from joint sawing, and reduces carbon dioxide emissions by reducing cement content.

Trusted by the most sophisticated companies worldwide, over 150 million square feet of PRIMX is in service today.

PRIMX is the most stable and advanced concrete flooring product on earth.



Patented Worldwide

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