



# REDUCE CARBON EMISSIONS BY 40%+ ON FLOOR SLAB CONSTRUCTION

Environmental Social Governance (ESG) investing has evolved swiftly, with recent research suggesting that an estimated \$30.7 trillion USD is now invested based on ESG principles.\* The environmental component, "E", includes carbon emissions and sustainable building, among others.

PrīmX supports both the carbon emission reduction and sustainable building aspects of the ESG platform, providing a superior industrial floor system while reducing carbon emissions on floor slab construction by over 40%. Choosing PrīmX over standard concrete on a typical 250,000 square foot industrial facility can save over 1,000,000 lbs. of CO2.

**How much of an impact could your industrial flooring decision have?** Use the table below to determine the potential CO2 savings based on square feet and the original slab design. *For example, if the design for your 400K warehouse is a typical, 7" unreinforced concrete, choosing PrīmX will save 1,733,333 pounds of CO2 during the slab construction process.*

Original Slab Design In Inches	Square Feet							
	50,000	100,000	200,000	300,000	400,000	500,000	750,000	1,000,000
6	180,556	361,111	722,222	1,083,333	1,444,444	1,805,556	541,667	3,611,111
7	216,667	433,333	866,667	1,300,000	1,733,333	2,166,667	3,250,000	4,333,333
8	288,889	577,778	1,155,556	1,733,333	2,311,111	2,888,889	4,333,333	5,777,778
9	325,000	650,000	1,300,000	1,950,000	2,600,000	3,250,000	4,875,000	6,500,000
10	361,111	722,222	1,444,444	2,166,667	2,888,889	3,611,111	5,416,667	7,222,222

*Values in table are the CO2 Savings if choosing the PrīmX equivalent to the original base design*



Beyond the environmental benefits, the jointless, no-shrink, steel-fiber reinforced system is superior to standard concrete in numerous ways:

- Cost competitive with traditional concrete designs
- Decreases joint maintenance costs over the life of the floor
- Maintains superior flatness over time compared to traditional concrete with no deformation or curling
- Transferrable 5-year warranty protects owners/tenants from unexpected repairs
- Minimizes facility downtime and vehicle damage caused by floor disrepair

\*[http://www.gsi-alliance.org/wp-content/uploads/2019/03/GSIR\\_Review2018.3.28.pdf](http://www.gsi-alliance.org/wp-content/uploads/2019/03/GSIR_Review2018.3.28.pdf)

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