

MEGASLAB®

UNPRECEDENTED CARBON REDUCTION

Unlocking Unbelievable Strength and Efficiency

MEGASLAB® vs. Traditional Concrete

The numbers don't lie.

With the potential for 70% CO2 reduction, our revolutionary concrete technology not only ensures superior performance but also sets a new standard for sustainable infrastructure.

70%
CO2 REDUCTION

Project Size 1,021,258 SF

Concrete Properties	Specified	MEGASLAB®
Concrete Thickness Inches	19	8
Portland Cement (ASTM C150) lb/cy	451	305
Fly Ash (ASTM C618) lb/cy	113	183
Slag Cement (ASTM C989) lb/cy	0	122
Concrete Required cy	59,889	25,216

PCS System Boundary Al - Raw Material Supply (cementitious only)	Specified	MEGASLAB®
CO2 from Portland Cement tonnes	11,296	3,216
CO2 from Fly Ash tonnes	-	-
CO2 from Slag Cement tonnes	_	205
CO2 reduction from eliminating rebar tonnes	-	-

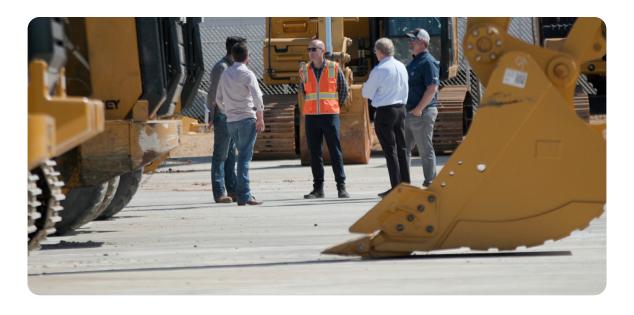
TOTAL CARBON 70% REDUCTION

TOTAL AI CEMENTITIOUS CO2 tonnes 11,296 3,422

Fixed Inputs

922 kg of CO2 are generated per tonne of cement* = 0.922 tonnes of CO2 per tonne of cement; 0 kg of CO2 are generated per tonne of fly ash* = 0.000 tonnes of CO2 per tonne of fly ash; 147 kg of CO2 are generated per tonne of slag cement* = 0.147 tonnes of CO2 per tonne of slag cement

This calculator considers an ordinary 4,000 psi spec vs. the optimized MEGASLAB solution.



That's right. The owner can avoid 70% of the CO2 emissions generated by traditional concrete on an 1,021,580 SF area.



MEGASLAB®

It's time to use the strongest, most sustainable concrete on the planet.



For more information, scan the QR code or visit megaslab.com

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