IT MATTERS WHAT YOU POUR

SOLID CARBON provides admixtures and ingredients from organic waste streams to sequester biogenic carbon in concrete.

REGULAR CONCRETE

Traditional concrete produces 7% of the world's carbon emissions.

Concrete is the most used material in construction.

SOLID CARBON SOLUTION

- Beautiful & architecturally distinctive.
- First commercially viable technology to sequester 50Kg CO_2 Equivalent/yard.
- Utilizes established technologies with extensive validation.

SOLID CARBON

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“We have the possibility in these construction choices, to make a significant impact and real change around climate change.”

— REMY DRABKIN, REMY WINES

CASE STUDY Remy Wines Winery, Dayton, Oregon

PROJECT: Adaptive reuse conversion of ag barn into production winery
CONCRETE: 5,000 square foot slab dosed at 100lbs per yard
SEQUESTRATION: 10,230lbs of CO_2 equivalent locked into concrete

SCAN ME

GET INSPIRED.
WATCH THE VIDEO.

SOLID CARBON

SOLID CARBON provides concrete admixtures and ingredients for durable carbon sequestration in the built environment. We believe the capture and storage of carbon is an essential pathway towards reducing the Global Warming Potential of concrete and transforming this strong and resilient material from a leading source of carbon emissions into a climate solution. Our approach to sustainability goes beyond doing less harm, we find restorative solutions to the planet’s biggest problem: climate change.

PASSED	STANDARD SPECIFICATIONS FOR CHEMICAL ADMIXTURES IN CONCRETE
☑	ASTM C403 — TIME OF SETTING
☑	ASTM C39 — COMPRESSIVE STRENGTH 3 days 7 days 28 days
☑	ASTM C78 — FLEXURAL STRENGTH 3 days 7 days 28 days
☑	ASTM C157 — LENGTH CHANGE
☑	ASTM C666 — FREEZE — THAW RESISTANCE

TECHNOLOGY VALIDATION

- STRENGTH LAB TESTING (ASTM C39)
- SHRINKAGE TESTING, FREEZE-THAW AND ABRASION TESTING (ASTM C944, C157, C666)
- STRENGTH TESTING TRUCK TRIALS
- AIR, SLUMP AND FRESH QUALITY ASSESSMENT
- FINISHER ASSESSMENT
- ADMIXTURE TESTING ASTM C494 TYPE S

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