C-Crete TECHNOLOGIES

INVENT, BUILD AND SCALE NEXT GENERATION OF INFRASTRUCTURE MATERIALS WITH ULTRA LOW EMBODIED CARBON AND ENERGY

Reactive CO_2 capture to Make Pourable Carbon Negative Concrete

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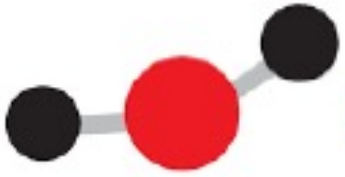


CO_2

Carbonatable feedstock (binder)

Sand + gravel

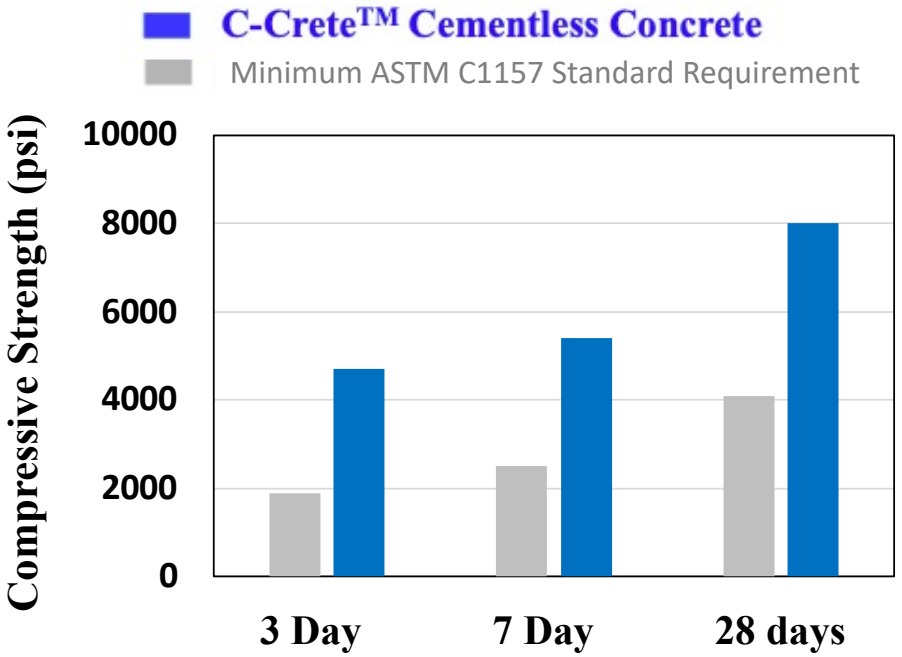
+

Water

Carbon Negative Concrete

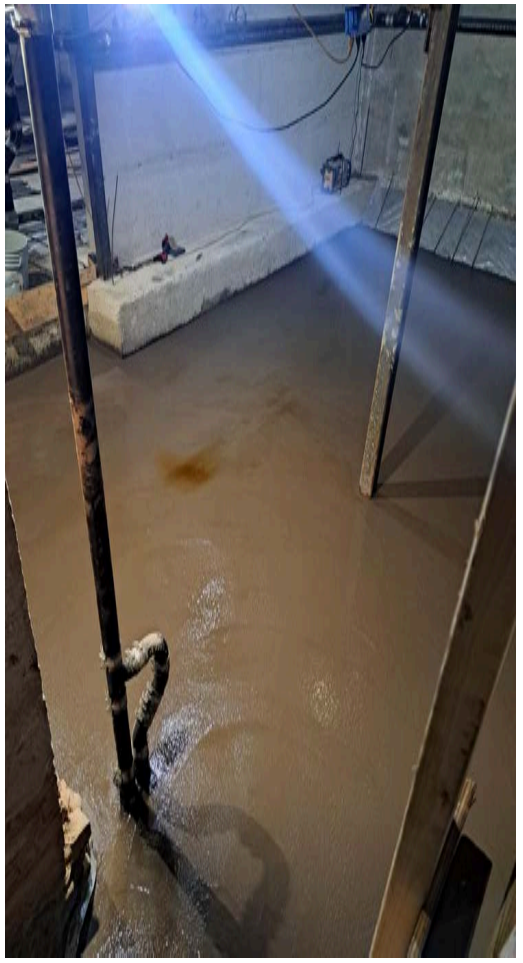
C-Crete's Cement-Free Concrete

- Portland cement concrete is the most widely used construction material, but contributes to ~8% of CO_2 emissions.
- C-Crete has pioneered a breakthrough pourable cement-free concrete product that is essentially CO_2-emision free and actually absorbs CO_2 from the air over time while exceeding Portland cement concrete in performance
- C-Crete's patented binder uses industrial by-products or natural materials **WITHOUT** Portland Cement
- C-Crete binder is a drop-in replacement for ordinary Portland cement (OPC) in concrete, making its use extremely easy



~140 ton pouring of cement-free concrete in a commercial building in Seattle: First in the United States

In an inaugural project, ~140 tons of C-Crete's cement free concrete was poured in the foundations, shear walls, and floor slabs of a commercial building in Seattle, making history. The building belongs to Donald Davies, former President of Magnusson Klemencic Associates. C-Crete used local ready mix companies (e.g. Heidelberg Materials) for concrete delivery in this project.



~140 ton pouring of cement-free concrete in a commercial building in Seattle: First in the United States

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6” slump

Easily flowable

5000 psi in 28 days

Before

After

~140 ton pouring of cement-free concrete in a commercial building in Seattle: First in the United States

One of the foundations after demolding

~140 ton pouring of cement-free concrete in a commercial building in Seattle: First in the United States

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Shear walls

Side view of shear walls

~140 ton pouring of cement-free concrete in a commercial building in Seattle: First in the United States

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Slab-on-grade (indoor)

Footings

C-Crete's Zeolite-based Concrete: World's first demonstration of such product

Slab-on-grade (outdoor) – Nov 16, 2023

Pouring part of a driveway in Kenmore, WA

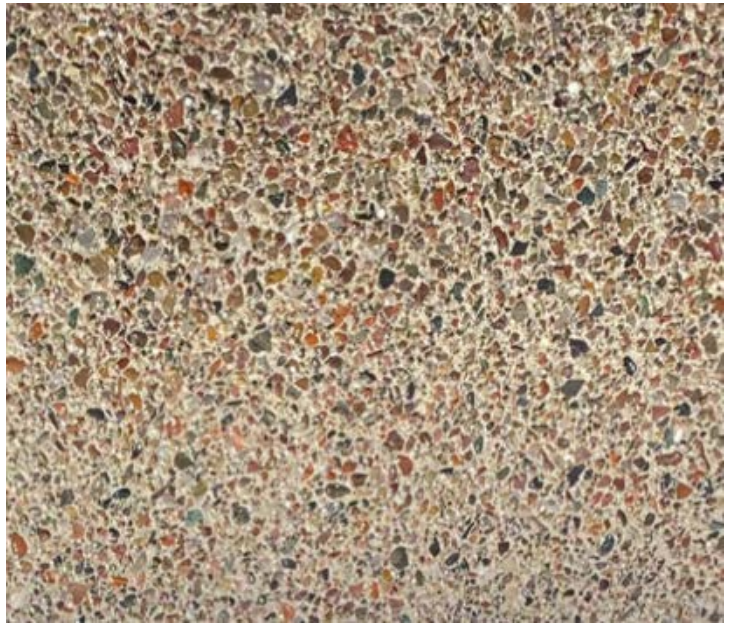
Slab-on-grade (outdoor)

Representative video of the pour with more than 6” slump

Click on this Youtube Link to see this video: **https://www.youtube.com/watch?v=5cg9EudbRcI**

More representative samples and colors

Exposed Aggregates



Polished Finish

Sand blasted (Terrazzo floor)