



HUBER ENGINEERED MATERIALS

Let **HuberCrete™** Calcium Carbonate Help You Manufacture Superior Concrete



Staircase manufactured with HuberCrete calcium carbonate.

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Huber's new high brightness HuberCrete™ calcium carbonate products are designed to give your concrete better workability, an improved appearance and reduce the amount of cement required.

Huber's High Brightness HuberCrete™ Calcium Carbonate Enhances Concrete Performance

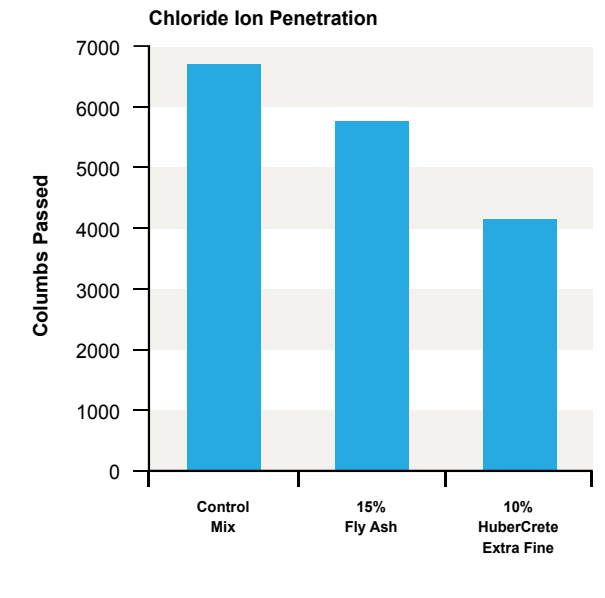
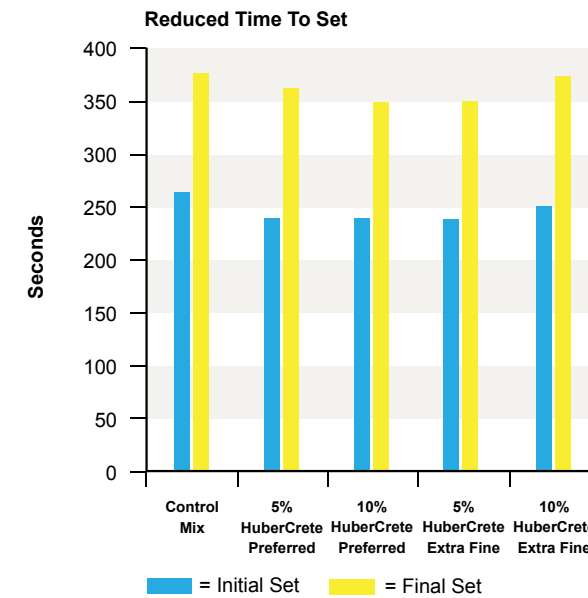
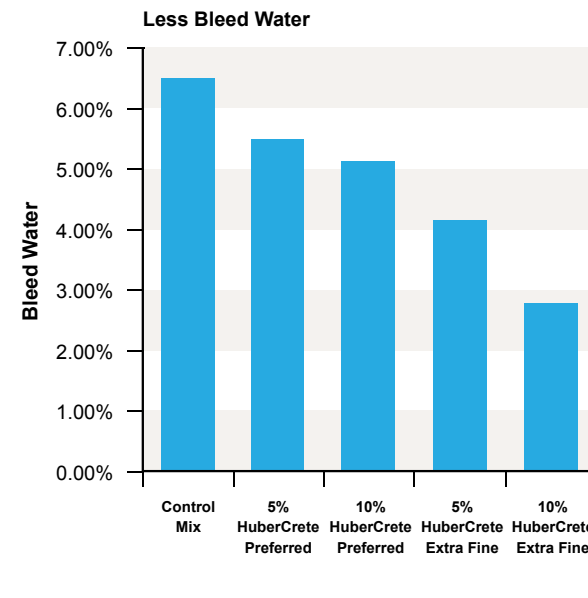
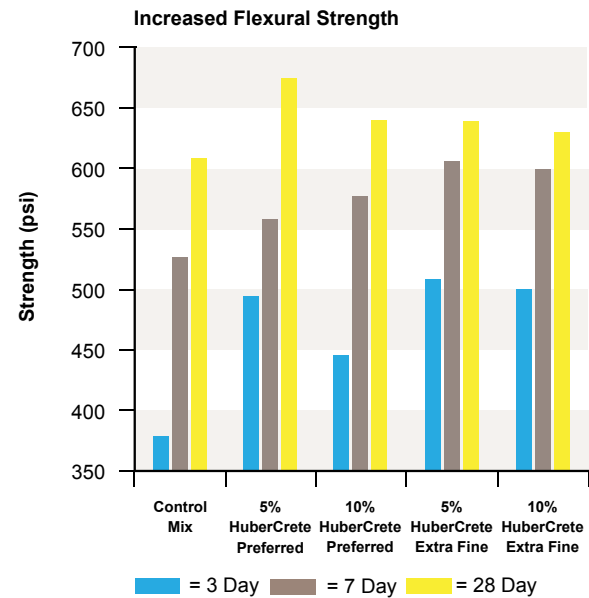
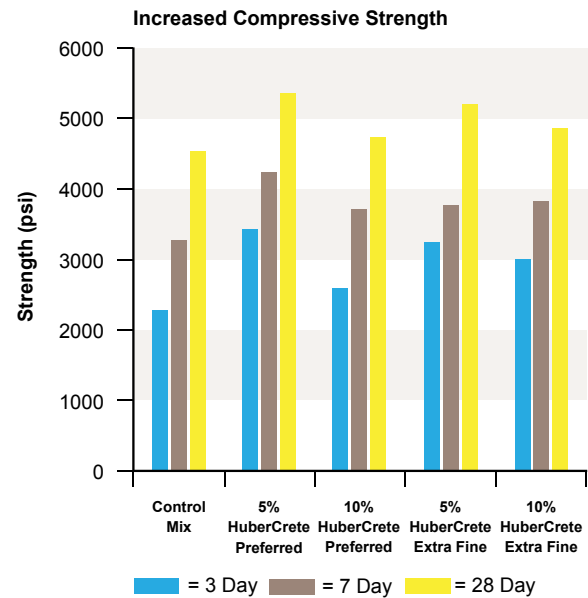
It's a simple proposition: by partially substituting cement with HuberCrete™ calcium carbonate, you are able to manufacture a brighter and stronger concrete product with less cement. Using less cement means your concrete products are less energy-intensive. The reason for these enhancements is particle packing. The ultra-fine HuberCrete grades fill the interstitial spacing between the sand and aggregate. Water is displaced, leading to a denser and less permeable concrete that has superior flow and compaction properties.

HuberCrete is an excellent choice to replace or augment traditional coal combustion product (CCP) additives in concrete. The cost-effective HuberCrete grades are natural white minerals, not subjected to chemical beneficiation or combustion. Only mechanical size reduction techniques are used for their manufacture, assuring you of environmentally safe materials for your site and products.

When you are searching for the right high brightness calcium carbonate for your next concrete formulation, we have just the ingredient you are looking for. HuberCrete is available in two high performing grades: HuberCrete™ Preferred and HuberCrete™ Extra Fine. The defining characteristics shown below give you an overview of the advantages of the HuberCrete products. Plus, you will enjoy Huber's unparalleled customer service and technical support.



The Defining Characteristics of HuberCrete™ Preferred and HuberCrete™ Extra Fine Means Value For You:



In these charts, Huber's HuberCrete™ calcium carbonate is substituted for cement on a weight percentage basis.

Huber's High Brightness HuberCrete™ Calcium Carbonate: Better For The Environment



Huber's specially formulated HuberCrete™ calcium carbonate products can substitute for part of your cement requirements. This helps support a LEED® certification by providing opportunities for reducing your carbon footprint since HuberCrete production requires substantially less energy than Portland cement.

For every ton of cement produced, approximately 1,660 pounds of CO₂ are released into the environment.* Dependent on the grade of HuberCrete used, as little as 54 pounds of CO₂ are released for each ton produced.

HuberCrete™ Applications

- Self-Compacting Concrete (SCC)
- Mortars and Grouts
- Bricks, Blocks and Pavers
- Manufactured Stone
- Architectural Concrete Products
- Shotcrete
- Ready-Mix Concrete
- Precast Concrete
- Pipe

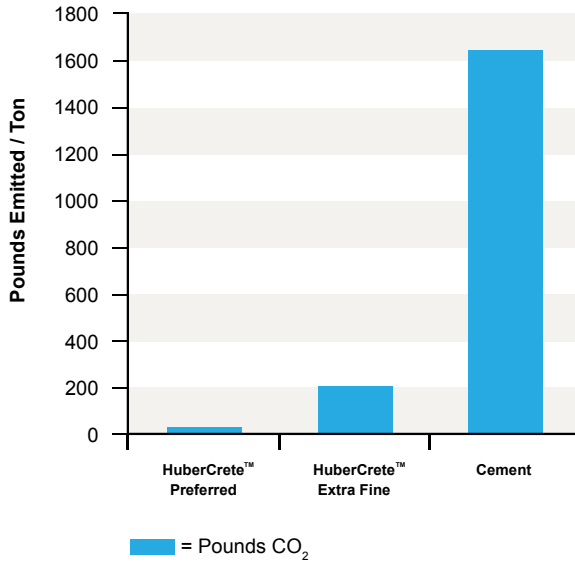
HuberCrete™ Advantages

- Improved Workability and Flow
- Better Surface Finish and Appearance
- Reduced Efflorescence
- Less Segregation
- Higher or Comparable Green Strength
- Reduced or Comparable Set Times
- Accelerated Demolding
- Reduced Permeability
- Potential Reduction of Water/Cement Ratio
- Cost Savings
- Reduced Environmental Impact
- Contributes to LEED® Certification



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HuberCrete™ Environmental Impact
Pounds CO₂ Emitted Per Ton



* Cement data can be attained at: <http://www.iea.org/Textbase/npsum/tracking2007SUM.pdf>



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For more information about HuberCrete™ Calcium Carbonate or to order a sample:

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