

# CAM 110 & SA CAM 110 Application

## Infrastructure

Bridges, Roads, Wastewater Treatment Plants and all major concrete build projects. We can assure that these projects meet and exceed their Project Life designs.

## General Construction

We provide reduced construction times, and support for Fast Track Construction, while providing superior concrete performance for improved construction standards.

## Precast Production

We provide improved production along with more consistent Quality Standards.



# Our Products & Services

## CAM

CAM 110 is a mix water enhancer, that when combined with the mix water and added to the dry mix provides increased hydration along with reduced curing times as well as replacing the need for many other additives.

## SA CAM 110

SA CAM 110 is a spray applied system that can be applied at time of placement as well as to existing concrete structures. The application increases the performance of the concrete in every aspect along with protecting the concrete from further attacks and extended LIFE CYCLES.



# C5 Innovation

We Provide Simple Easy Permanent Solutions for Concrete Infrastructure and Designs!



*"WE PROVIDE THE BEST MATERIALS FOR THE SIMPLEST AND MOST COST-EFFECTIVE PROJECT APPLICATIONS"*

**WILLIAM WIGGS  
TECHNICAL DIRECTOR**





*LET US WORK WITH YOU TO BRING THE BENEFITS OF CAM 110 AND SA CAM 110 TO YOUR PROJECT*

## Protect Concrete for its Lifetime

You can protect concrete with coatings, membranes, water-based silicates, oxysilanes, crystalline solutions and silanes do not last for the lifetime of the concrete and require replenishment, replacement or alternative treatments over time.

SA CAM 110 and CAM 110 is a water borne catalyzed colloidal silica-based product that completely fills capillaries and small voids within the concrete matrix through a CSH (Calcium Silicate Hydrate) reaction and an increased level of hydration of the free cement in the concrete leading to denser and stronger concrete and eliminating slab and edge curl on newly poured concrete. The net result of the multi-featured CAM product includes a massive reduction or elimination in the attacks upon the concrete and a replacement of water inside the capillaries with a silica gel.

**SA CAM 110 and CAM 110** is a unique Colloidal formulation that provides superior benefits to concrete from its initial formation and throughout its entire extended Life Cycle.

Based on testing, practical project application and material development knowledge of the effects within designs of concrete the benefits can be enhanced and expanded further, replace multiple admixtures with a single one-time application, eliminate the need for water ponding.

## Let us Introduce Ourselves

C5 Innovation Provides advance materials for a full line of benefits within the construction industry, along with the development and marketing of specific application tools and equipment.

Our products provide applications as primer/moisture mitigation system. Along with additional structural strength enhancements, and stop/reduce outgassing coming from the concrete designs.



Contact us at:

[info@c5st.com](mailto:info@c5st.com)

OR

[www.c5st.com](http://www.c5st.com)

## Project Support

We provide support for the best possible application of our materials into your projects to achieve the best possible benefits of CAM products in your project, we also provide full training support to assure precise application of products.

### Questions you need to ask

- √ Why does concrete need Enhancement?
- √ Can you protect concrete for its lifetime?
- √ What makes CAM 110 superior to other solution?
- √ Why is pH is a key factor in concrete protection?
- √ How can CAM products protect of concrete infrastructure?
- √ How is CAM 110 changing the dynamics of the concrete industry?
- √ What benefits come from SA CAM 110 applied at the time of concrete placement?

