Introducing The Ceramic Cement Corporation(C3)

Cementing The Future Of Eco-Friendly, Superior Quality Concrete

Our C3 Mission: Researching, Inventing & Creating Ultra High-Strength, Eco-Safe, User-Friendly, Durable Ceramic Concrete For the 21st Century & Beyond







The Dawning Of A Durable, Ultra High Strength, Eco-Safe, Ceramic Concrete World!



- **The need for superior quality, eco-friendly, durable, multi-purpose, C02 reducing concrete materials has never been greater, or more widely recognized!**

- **To meet this serious need C3 has invented and industry certified chemically-bonded ceramic concrete formulas with unique carbon reducing, non-toxic, ultra high strength, water-activated, user-friendly concrete / coating formulas that we prefer to have produced with our all-inclusive EkoBlend production system, while also important to note our C3Ceramic concrete products can, when expertly instructed, be produced using traditional Portland concrete production/application systems.**

- **Representing many years of independent research, product testing, market use evaluation, working with Universities & National Laboratory Testing Programs and securing numerous chemically-bonded ceramic concrete U.S. & foreign patents.**

- **Ceramic Cement Corporation (C3) will continue leading the way to a highly improved, actually massively improved concrete constructed world. As the following information illustrates -**

It All Begins With DesignRok™

A Uniquely Advanced, Eco-Safe, Multi-Purpose Ceramic Cement

C3's ultra high strength, water-activated, game-changing DesignRok cement formulas provide a wide range of multi-aggregate, mineral, metal, cellulose bonded concrete options. Including durably repairing/replacing damaged Portland concrete/asphalt, wide-ranging construction uses, full spectrum radiation shielding, beautiful polished concrete flooring, sinks, tile, countertops, showers, bathtubs, swimming pools with mold, moss, bacteria, high heat, cold, water, weather, radiation protected surfaces, and the list goes on.

It's also important to know; due to the present high cost of the essential raw materials C3Ceramic concrete is currently priced in the ultra high-performance concrete category, which is significantly more expensive than traditional low strength, toxic-laden Portland concrete. All of which will change when our C3 team completes securing the essential raw materials from recycled waste and other locally obtained raw material sources. So, the future looks bright ahead!





Traditional Portland concrete construction of a nuclear energy plant

Introducing X-Rok™ / ShieldRok™

With the successful completion of C3's U.S. Dept. of Energy/Idaho National Lab X-Rok nuclear shielding testing program and Health Physics Northwest Lab medical x-ray testing combined with receiving chemically-bonded ceramic cement patents in the U.S. and globally, as C3 enters the 2027 world market our eco-safe, user-friendly X-Rok/ShieldRok radiation shielding products provide significantly advanced, durable, never-before-possible radiation shielding/nuclear waste containment solutions.

X-Rok/ShieldRok's problem-solving radiation protection includes highest level nuclear shielding, durable radiated waste solidification/containment, lightweight spacecraft shielding, and while C3 is currently doing on-going EMP application testing, a priority concern is protecting homes, communities, and all structures from RF, Wi-Fi, Microwave, EMP, X-Ray, Cell Phone Tower, 5G/10G emissions.

In summation: X-Rok/ShieldRok's life-saving ceramic concrete/coating benefits are seriously needed 'right now'!

C3 Ceramic Concrete Materials – *Product Overview*

RepairRok™ - Multi-purpose, quick-return-to-service, ultra high-performance concrete for repairing, replacing, resurfacing Portland concrete & asphalt, EkoRok™ provides construction, home building, product casting, protective concrete use. While our SurfaceRok™ formulas provide the same benefits as spray-on, trowel on, multi-surface protection, thin-film coating materials.



A prototype EkoRok Quik-Build structure using wire-mesh SIP panels, constructed by four people in three days.





RepairRok / WSDOT I-5 freeway repair near Olympia, WA., successfully completed in rainy, near freezing weather.



Decorative & Flooring Applications

DekoRok™ - Our C3Ceramic decorative formulas provide a wide range of non-toxic, ultra high strength, color-fast applications. Including polished concrete flooring, sinks countertops, tile, showers, bathtubs, swimmingpools, and wall applied coatings. C3 is fortunate to have a long-standing alliance with the Cody James Construction Group (https://codyjamesconstruction.com/) that specialize in all forms of concrete application. As the photographs reveal, including amazing decorative use.

DekoCeramic Polished flooring



Tabletop made with waste coffee grounds





Multi-aggregate Countertop samples



Crushed Marble Piece

A C3 Portland Concrete Bridge Repair Project….

MISSION IMPOSSIBLE: Orlando, FL. The Challenge:
A storm drain is frequently damaged by large vehicles, including buses and trucks, that cut too close to the corner, causing the top cover to break off. Maintenance crews are called-in monthly for repairs, sometimes needing further repair within weeks. This drain discharges into a lake now improved by RepairRok's non-toxic, runoff-free groundwater pollution protection, simplifying the process of obtaining eco-safe permits. RepairRok's 3-hour, 5000 psi setup strength (rising to 12 to 15,000 psi in 28-days) allows for quick return to service that provides cost/time savings. In that regard, the repair also provides metal protection by securely bonding & reinforcing the corroded metal rebar contained within the storm drain Portland concrete, allowing the structure to remain more durable & damage resistant.

Repair Area



RepairRok Application



5 hr.'s Later Repair Completed



Our C3/Seattle Aquarium Ocean Restoration Project

MarineRok™- Within the multiple problem-solving solutions our C3Ceramic Concrete formulas provide, with the appreciated help of the Seattle Aquarium we are studying the use of our acid/salt resistant C3Ceramic formulas for a wide range of non-toxic ocean restoration benefits.

Seattle Aquarium MarineRok Coral / Abalone Growing Project







C3/EarthCycle Research & Development

Research & Development:

- **On-going Research – Our C3 team has identified several state-of-the-art material processing technologies with a unified potential to cost-effectively process local waste streams as well as naturally occurring material resources into a wide variety of useful, eco-safe raw materials.**

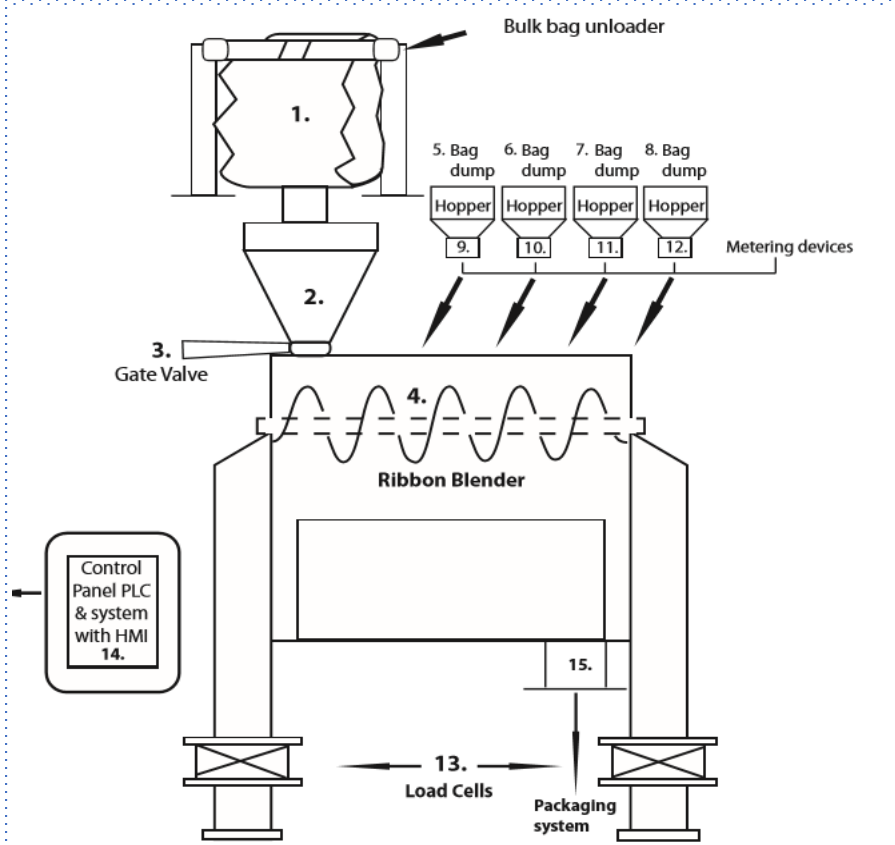
- **InkRok – Geo-Ceramic formulas designed for 3D printing that have been preliminarily examined at the University of Washington Materials Lab. With initial results indicating the increased strength, durability, surface protection, non-toxic benefits our self-bonding InkRok formulas will be game-changing for 3D printing.**

- **EkoBlend Production System– In conjunction with 3i's Technologies C3 is developing an IT/AI controlled ceramic cement blending system, illustrated in following slide, with the ability to go directly from (1) the local assembly and quality controlled processing of all raw materials, (2) into quality blended ceramic cement materials placed in bags, buckets, supersacks, or (3) moved into a separate chamber, water-activated, slurried, and placed in multi-designed 3D printed plastic molds to create fast-setting, eco-friendly, high strength, multi-designed building products ranging from recycled wood 2x4's, building panels, and any building product design, ready for use in a few hours rather than days.**

EkoBlend Ceramic Cement / Building Product Production System

Our EarthCycleTech / 3i Technologies Production Alliance has Designed A Modular, IT Monitored, modularly available from 7-Tons up to 160 Tons Per Day Batch Plant That Processes And Quality Produces Local / Regional Raw Materials Into Multi-Aggregate Ceramic Concrete Blends With The Option To Include Creating Precisely Formed Ceramic Concrete Building / Construction Products.

The IT/AI monitored EkoBlend production system eco-safely processes locally obtained raw materials into quality-controlled, multi-purpose C3Ceramic cement formulas. With the option of bagging finished blends in 50 lb. bags or large supersacks and moving to wherever needed, or moving the blended formulas into a product production area where multi-designed 3D plastic molds form a wide-range of eco-safe, carbon reducing building products by water-activating the dry mix and placing the wet slurry into specifically designed molds that quickly cure & form into superior-quality 2x4's, building blocks, building panels, counter tops, tile, kitchen, bathroom fixtures, and any desired building product design, with hardened, ready to use building products in a few hours rather than days.



On the front end of the EkoBlend batch plant a state-of-the-art, IT controlled material processing system will be added that eco-safely powders, dehydrates, purifies, molecularly separates, and when needed heat calcines all forms of mineral, metal, and cellulose. Once processed the raw materials are added to the batch plant hoppers for gram-by-gram quality blending. The state-of-the-art material powdering system we're working with can be viewed at https://www.pulsewavesciences.com

The EkoBlend production system is modularly designed to quality produce 10-tons a day with larger systems producing 180 tons a day. If needed additional 10 ton or 180 ton a day systems can be added to produce larger amounts.

Near & Long-Term Raw Material Resources

While our essential raw materials are readily available throughout the world, C3 has invested many years identifying domestic/international mineral resources, recycled waste sources, and innovative material processing technologies to progressively eliminate market driven raw material issues by cost-effectively mining, manufacturing and recycling the quality produced minerals, metals and cellulose materials our C3 ceramic cement products depend on.

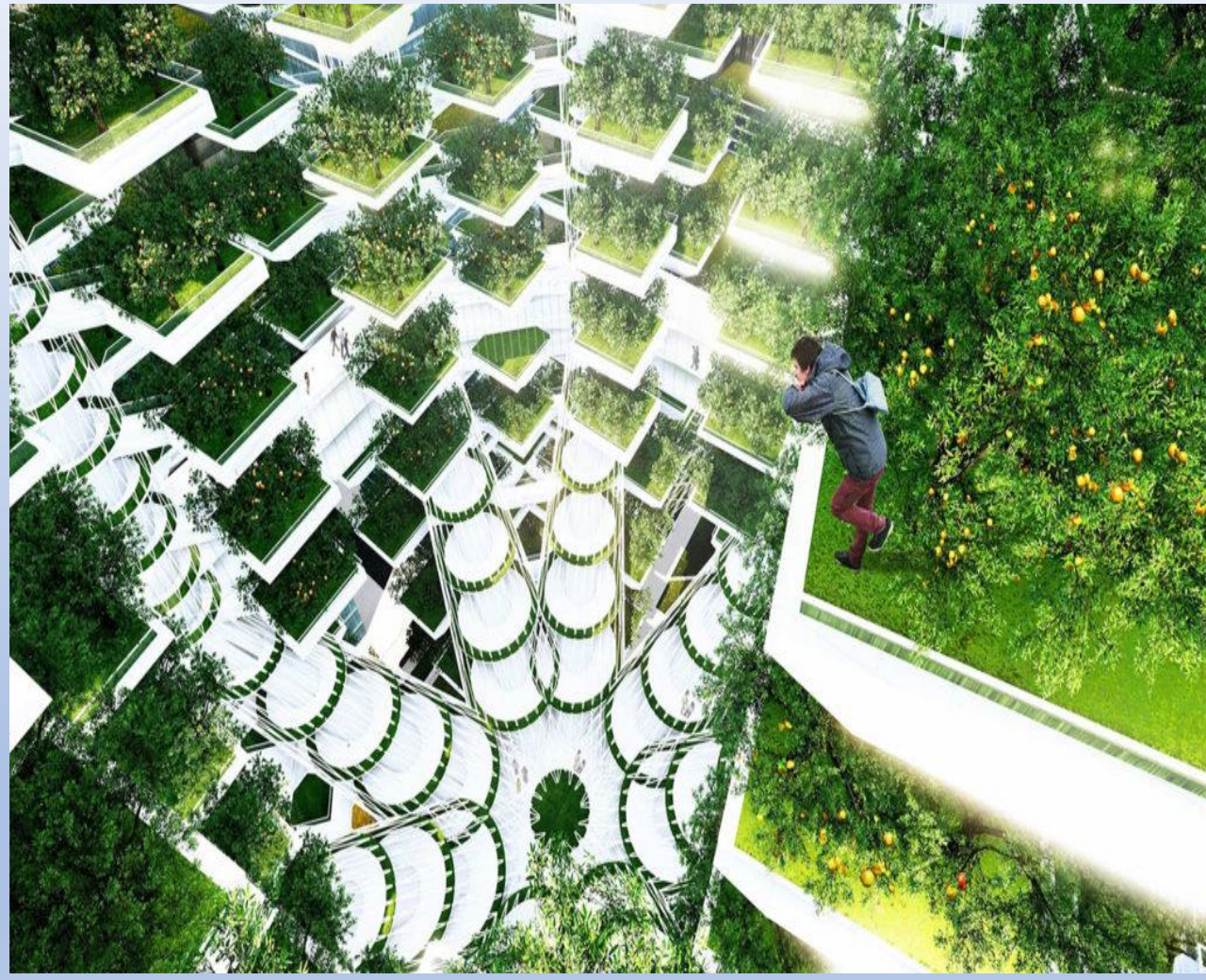


Creating Self-Sufficient, Self-Sustaining, Eco-Friendly Living Systems

Within our dedication to creating superior concrete products our C3 Team is investigating a variety of self-sufficient living systems with the unified potential to provide everything homes, apartment buildings, villages, communities, and inner-city neighborhoods need to create and sustain eco-safe, healthy, self-sufficient living standards.

Including eco-efficient methods for self-producing abundant food supplies, clean water, recycling essential raw materials from waste streams, and self-producing bio-fuel, solar, wind & thermal energy.

As we progress toward the radiation safe, pollution controlled, 'green' world everyone wants to and deserves to live in the implementation and cooperative use of our C3Ceramic concrete/coating products & self-sufficient living projects is supported by CHB Technologies (http://www.chb-tech.com/) for disaster relief, Phoscrete (www.phoscrete.com) for marketing, distribution, EcoBuiltSystems (www.ecobuiltsystems.com) for building design, and Solar Roadways (www.solarroadways.com) for solar energy use.



Moving Our C3Ceramic Cement Products Into Local/Global Usefulness – Next Steps



- **Complete The Formation Of An Expert Concrete Industry, Science Based, Marketing, Sales Team To Oversee Our U.S. & Global Market Entry Program.**
- **Continue Forming Local/Global C3 Production, Distribution Joint Venture Alliances to Implement Nation-By-Nation Market Entry Campaigns. As We Are Presently Discussing & Organizing in the U.S., Europe, The Middle East, Africa and Asia.**
- **With The Ultimate Purpose Of Providing Our Problem-Solving C3Ceramic Cement Inventions, Products And Technologies To Create New & Retrofit Existing Dwellings Into Self-Sufficient Food, Clean Water, Energy Producing, Radiation Protected, Eco-Friendly Homes, Neighborhoods, Villages, & Communities.**

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