



Introduction to our coatings and their applications on our housing systems

CTI General Contractors is an authorized distributor for the entire line of GigaCrete™ products in Southern California.

Please contact us for your next project.

818.642.6000 – Rich Cooper, CEO, CA GC #654720

503.957-7450 – Garron von Gunten, Project Development

www.CTIBuilds.com

GigaCrete bagged products factory produces PlasterMax, StuccoMax and BallistiCrete



Product descriptions:

- **PlasterMax** – Worlds first abuse resistant 9,000+ psi fire rated plaster over foam replacing gypsum board. Also used as abuse resistant coatings over gypsum board and cement block. Will not support mold or mildew. Totally “Green” non Portland cement based non-toxic cement technology utilizing food grade materials.
- **StuccoMax** – 3,500 psi totally waterproof yet permeable exterior one coat stucco, no Portland cement, no silica sand “Green stucco” designed to go below grade over ICF construction and waterproofing of pools and roofs. Non toxic, food grade ingredients.
- **BallistiCrete** – 9,000+ psi to 17,000 psi Worlds first “green” ballistic plaster applied to virtually any interior surface to protect occupants from lethal gunfire including armor piercing rounds.

Easily mixed and applied with conventional plaster and stucco tools



Mixed and applied on site
To look like ordinary coatings



Extreme performance coatings designed to outperform all known plasters and stuccos where abuse resistance and low cost maintenance is important



Applications include High Performance Coatings Ideal for Prisons, Schools, Medical buildings, Military, Housing and Retail



Award winning
Green cements





PlasterMax applications

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GigaPanel, PlasterMax
Diva Salon, Henderson Nevada. 2007. 3,000 sf. Interiors



Residence, Los Angeles California, 6,400 sf. 2014.



Residence, Holmby Hills



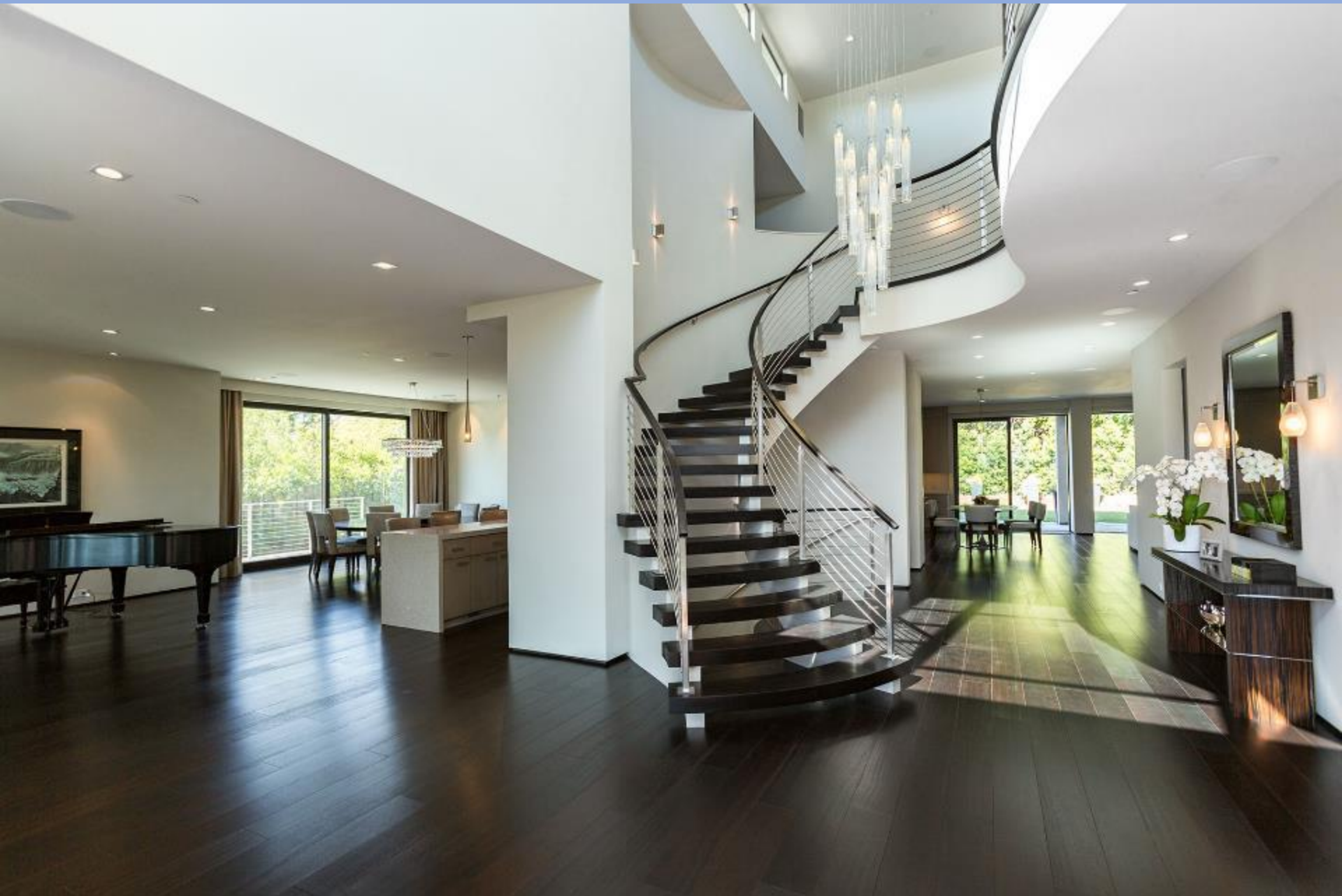
Residence, Holmby Hills



Residence, Holmby Hills



Residence, Holmby Hills



Residence, Holmby Hills



Residence, Holmby Hills





Residence, Holmby Hills





Weigel Residence. 2014 Las Vegas Nevada.
43' Motorhome and Viper collection garage.
1,527 sf.

GigaPanel system,
StuccoMax Exterior,
PlasterMax Interiors.





StuccoMax applications

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GigaPanel, StuccoMax, PlasterMax
Davita Dialysis Building. Atwood Avenue. Las Vegas 2014. 10,806 sf.



GigaCrete panel systems and coatings were chosen to replace wood and gypsum board to eliminate mold and mildew issues and significantly reduce operating costs

GigaHouse, StuccoMax, PlasterMax

Ralph and Marna Devane residence. Exuma Bahamas rental house and garage. 1,800 sf.



“Exuma House”
Has already survived
Two hurricanes,
2015 Juquin (Cat 4)
2016 Mathew (Cat 5)
Zero damage or leaks
60% documented
energy savings



Carl's Jr new prototype. Rose Avenue. Oxnard California. 2015. 2,400 sf.



GigaPanel, StuccoMax, Plastermax

CBS Transmitter Building 1,500 sf. North Las Vegas Nevada.



StuccoMax

Industrial Building Addition to match existing structure, housing a filtration system.
Barranca Way, Irvine. California



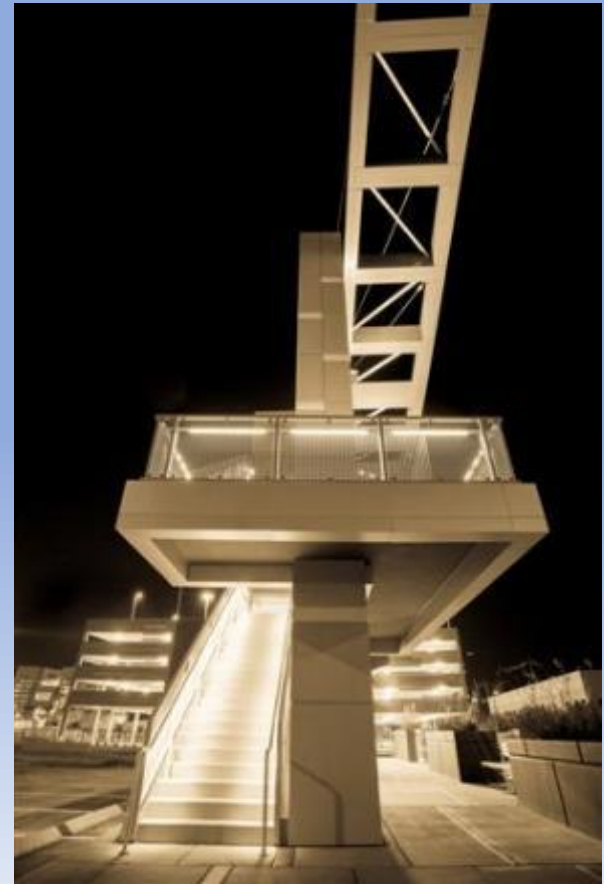
StuccoMax Exterior, PlasterMax Interiors.

San Tan Ford Fleet Service Center. 1400 East Motorplex Loop. Gilbert Arizona, coatings only.



StuccoMax Exterior Coatings over Foam.

Symphony Park Bridge, Las Vegas Nevada. 2011.



GigaPanel systems

2,200 sf Colombian Army building in jungles of Central Colombia. 2013.



GigaPanel and StuccoMax



Modular Sub Stations in Sweden to resist extreme climatic changes



 **GigaCrete**

PlasterMax and StuccoMax over ICF



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- Why do ICF (insulated concrete form) contractors recommend GigaCrete® 'Green' coatings?
- 1) Our immensely strong coatings are ready for DIRECT APPLICATION over ICF. Can be sprayed or troweled on.
- 2) Extreme-impact (9,000psi cylinder break) GigaCrete® interior PlasterMax™ is world's ONLY fire-rated plaster coating code-approved to replace drywall over ICF. In moist conditions, unhealthy mold grows on drywall but not on PlasterMax.
- 3) Exterior GigaCrete® StuccoMax™ forms a high-impact (3500psi cylinder break) fire-resistant, waterproof (yet breathable) coating on ICF. Won't shrink or crack. Immune to salt-spray. Neither PlasterMax™ nor StuccoMax™ supports the growth of mold or mildew. The only **50 year warranty** on the market.
- 4) Our versatile coatings can be stamped, painted, colored, or otherwise made to resemble virtually any other finish.
- 5) Zero to low maintenance.

Over 1,500,000 sf of PlasterMax has been installed in numerous ICF schools.



Educational Buildings require low maintenance and abuse resistance.

- Abuse resistant interiors
- No mold or Mildew
- Fire rated
- No VOC's
- Platinum level LEED points
- Low Carbon footprint



Custom ICF Home with PlasterMax interiors and StuccoMax exterior coatings.
SHADE Residence. Corte Madera, Calif. Custom Home 2,750 sq. ft. (floor)



SHADE Residence:
Custom ICF Home with PlasterMax interiors and StuccoMax exterior coatings.



Ideally suited to arches and areas where impact resistance is paramount

StuccoMax



StuccoMax used as exterior stucco, adhesive and grout for stone overlay
SHADE Residence. Corte Madera, Calif. Custom Home 2,750 sq. ft. (floor)

StuccoMax over ICF was selected for its extreme weathering abilities

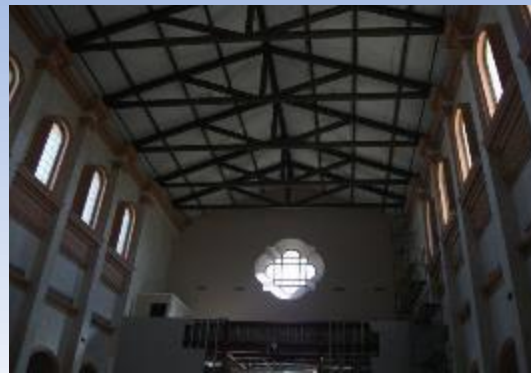


PlasterMax



Arizona custom desert ICF home overlooking Lake Mead. PlasterMax interiors.

St Mary Magdalene Catholic Church, Bullhead City Arizona. 2009, approx. 10,000 sf.
Foam moldings and details PlasterMax coatings over ICF. After completion, GigaCrete
was chosen for all Arizona Diocese Churches and Schools





StuccoMax over damaged wall applications

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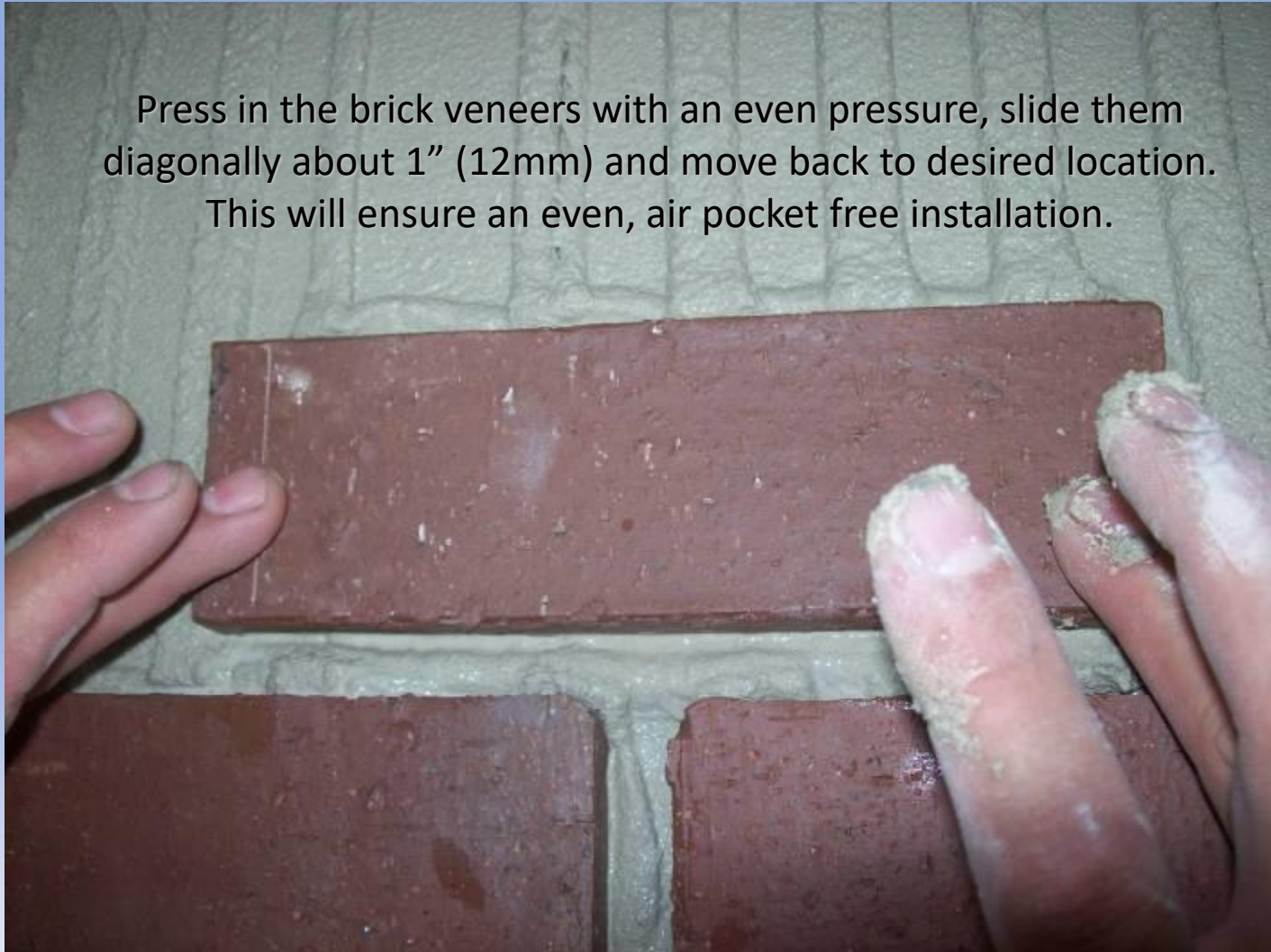
Efflorescence can be a thing of the past



GigaCrete's Efflorescence Solution

StuccoMax

Press in the brick veneers with an even pressure, slide them diagonally about 1" (12mm) and move back to desired location. This will ensure an even, air pocket free installation.



StuccoMax

Pointing tools set the grout width and are used to create the desired grout effect typical to brick installations





Examples of simple inexpensive fixes to ugly block walls



VALUE PERSPECTIVE

Architects, Engineers, Specifiers &
Building & Safety Officials:

GigaCrete products have passed the following US codes:

- ASTM E C587-04 Bond Strength, Impact Strength, Joint Strength
- ASTM E-84 Fire test (American Standard Testing Methods)
- ASTM C1629-06 Abuse Resistance
- ASTM D4977-03 Adhesion
- ASTM D5420-04 Impact Resistance
- NFPA 286-3 Fire Test (National Fire Protection Agency)
- UBC 26-3 Fire Test (International Building Code)
- Exceeds USEPA (environmental protection agency) no VOC's
- Exceeds stringent California Air Quality Standards
- **Will not support mold or Mildew**
- No Silica sand used, no added sand on the jobsite
- **Utilizes only safe non-toxic materials**
- Recognized by LEED and US Green Building Council



Providing GREEN technology solutions around the World.

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