



GO GREEN INTERNATIONAL W.L.L.



AAC Fire blocks
Light weight blocks
AAC Panels & Slabs
Precast buildings



Modified
Clay
Materials



Alphaton
Longoton



Mixture of
Wood Particles
and Cement



Insulation
Boards
Rolls

constructive **ideas**
with **green** solution



ISO 9001 | ISO 14001 | ISO 45001



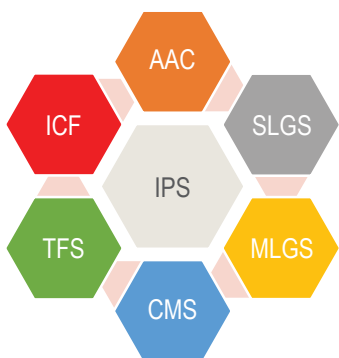
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Motto:

Experience creates Ideas
Ideas creates Solutions and
the Solutions lead to
Construction and Projects



- A- (AAC) Autoclaved Aerated
 C- (ICF) Insulated Concrete Forms
 P- (IPS) Insulated Precast Sysetm
 S- (SLGS) Structural Steel Or Structural Light Gauge Steel
 T- (TFS) Tunnel Formwork
 MC- (CMS) Concrete Modular system
 MS- (MLGS) Modular Steel or Modular Light Gauge Steel

About Us

Go Green, a Limited Liability Company managed by expertise with more than 25 years' experience in Green Building Products to promote the concept of Green Building Initiatives by bringing environmentally friendly construction materials and products to the building industry in GCC.

Go Green is a Supplier and Builder of green technology in GCC market places. As a value added dealer, Go Green will provide support services to include architectural and structural design review, installation, training, estimating, project management support and quality control to project clients. Go Green is a member at USGBC in USA, and QSAS – GRD, QGBC in Qatar and approved supplier for GCC CIVIL DEFENCE and all local Authorities.

Modern Methods of Construction (MMC)

(MMC) was created as a solution for the increase in demand for fast and economical residential building projects. MMC is an alternative construction practices system. Off-site, factory production of the component parts of properties is a common characteristic of MMC. This includes ready-made mep systems, walls, floors, roofs and entire rooms, which can be transported to the construction site for quick and easy assembly. It can create complete houses or residential units up to high rise towers or speed up other construction works through factory work processes.

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 Ideas creates **Solutions** and
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Construction and Projects



AAC Panels and Slabs



AAC is the "GREENEST" concrete product worldwide as there are no toxic emissions or waste during the manufacturing process. The production process involves curing aerated concrete in a pressurized steam chamber, known as an autoclave, to give AAC its strength. Panels reinforced with steel wire net can be used to build structures as high as five stories.

Autoclaved Aerated Concrete (AAC) is a very strong but lightweight and easy-to-use construction material for load bearing and cladding on commercial and residential buildings. AAC comes in floor, wall and roof panels as well as blocks.

Types:

Wall Panels (cladding internally and externally) Wall panels are a single mass unit that can take the place of multi-step construction processes. For example, wall panels replace steel sheets, wood studs, insulation and gypsum board in a single installation. An experienced crew of eight can set 80 panels a day with one small crane, and variable thicknesses of 10, 15, 20, 25, and 30 cm.

Floor Slabs & Panels system up to 5 floors. One of the differences is the key molded into the side of the panel to allow for rebar and grout to be set between panels and tied through the ring beam to create an integrated system when complete. Floor panels can easily be used in any project that would traditionally replace hollow core floors, And creates a stronger thermal insulation because of the solid body. An experienced crew of eight can set 120 floor panels a day with one small crane.

100%

Recyclable

50%

Less time
construction

7.2

Earthquake
resistance

100%

Sustainable
environment
Friendly





Applications:

- Labor Accommodations and 5 story Buildings: More than 100 buildings in Qatar
- Schools and Universities: More than 3 schools
- Retrofit Buildings: Tens of buildings
- Cladding Projects: Most of malls in Qatar
- Hotels-Hospitality: Several hotel chains have already utilized AAC in construction of their hotels.
- Multi-Family Compounds and Buildings: More than 1000 villas in Qatar are done with AAC.

LEED Credits:

AAC is an environmentally friendly proven building material that is used to save energy and enhance the quality of the built environment. Some of the environmental benefits and advantages set by the U.S. Green Building Council (USGBC) to obtain LEED™ Certifications

1. Energy and Atmosphere: AAC may contribute to energy efficiency credits. When combined with efficient windows and roof system, the envelope contributes to overall energy conservation.
2. Materials and Resources: The intent of the facility reuse credit is to create a rationale for utilizing as much of the original structure as possible within the confines of the new design or intended use. The AAC site construction system generates approximately 1% material waste.
3. Indoor Environment and Air Quality: Environment and Air Quality Credit 4: Low emitting materials. AAC has no volatile organic compounds.
4. Innovation and Design Process: Innovation and Design: AAC contributes to an Integrated Pest Management Plan. Rodents have no place to travel within AAC -ID Credit 1-1.4 – Innovation in Design: (1-4 Points)

NB: please our technical staff to submit for you the latest LEED calculations.

Benefits including LEED credits:

Provides multiple LEED points – minimum of 20 points

- The Safest Product: Highest Fire Rating available (please ask our engineer to show you our latest test)
- Huge Saves Energy: Thermal Efficiency – 60% Less HVAC
- Faster Construction: Blocks and Reinforced Panels Assemble Quickly On-Site
- Cost Effective: Less Costly Than Competitors
- Quieter: Superior Insulating Properties for Better Noise Control
- Sustainable: Resistant to Mold and Termites
- QCS 2010 - Release 2013: AAC manufacturing and erection conforms to QCS 200 - 2013



AAC Fire & Insulated Blocks

Autoclaved Aerated Concrete also Known as "Cellular and Gazbeton" – AAC is a very strong but lightweight and easy-to-use as construction material for Fire resistant and insulated thermal areas. AAC comes in blocks and Hordi Blocks; the 15cm thick is fire resistant for 7 hours As per ASTM and 4 hours as per local Qatar Authorities (Qatar Civil Defense). It is non-combustible. A 10-cm thick non-load-bearing or a 15-cm thick load-bearing AAC wall provides a U.L. classified 4-hours fire rating. This far exceeds the requirements of the Standard Building Code, and provides a significant level of protection against loss of life and property. Toxic fumes generated from traditional materials burning pose a danger. It is an inorganic material that does not burn. The melting point of AAC is over 2900°F, more than twice the typical temperature in a building fire of 1200°F. The use of AAC eliminates the need for applying costly fireproofing materials.

The most common block size is 60 x 20 x 20 cm, but blocks are available in multiple thicknesses and heights. One of the notable benefits of AAC block is the weight. One-fifth the weight of traditional concrete, AAC blocks are easy to manage, decrease installation time, and are made for green LEED applicable materials. Blocks are set with thin-bed or cement mortar that dries in approximately five minutes

With regarding to its low density, it creates very high thermal insulation materials whereas the K value for the 550 kg/m³ produce a K value of .014. Different densities can be produce to achieve the required Density, K value, R, and U value. Please ask our engineers to support you with your project automated calculation.

Several fire walls were done in Qatar for the QP, Rasgas, and RasLaffan, the AAC walls showed a strong resistance to fire and stopped many fires from spreading from one place to another such as the listed below mall fire in Qatar: The steel structure melted down and the AAC walls remained without any damage for 7 hours Fire. Only painting and plastering were repaired on the AAC walls.

4 Hr

Fire rated by Qatar Civil Defense

20

Points in leed

1/5

550 Kg/m³
1/5 weight of concrete

60%

Saving energy

QCS

Approved





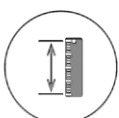
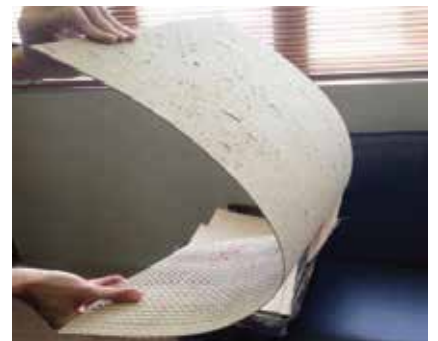
MCM Modified Clay Material



The Latest Innovation system for the replacement of Stone cladding, External Cladding, Internal cladding
 3 D panels Big Sizes : 2.6m x 1.5 m
 All Colors and Shapes
 Each piece is only 2-4 mm of thickness with just 3-6 kg/m².

Advantages & Benefits:

- ♦ Less in price than other standard Stone products.(almost half price)
- ♦ Free of any maintenance
- ♦ Easy install - Daily 200 - per day/ group
- ♦ Less Thickness 2-4mm only
- ♦ Less weight : 3-6 kg /m² only
- ♦ High fire insulation – Class A
- ♦ Made of Natural Clay materials, without added chemicals
- ♦ It gives the building the best looking facades, all are green materials
- ♦ Self Cleansing



Dimensional Stability



Durability



Sustainability



Weatherproof



High Quality



Non Toxic



Easy Maintenance



Terracota: Facades & cladding



Alphaton & Longoton Moeding – Germany

As market leader, the MOEDING sets global standards in the curtain wall, back-ventilated and heat-insulated tile façade segment with ALPHATON® and LONGOTON®. As a 100% subsidiary of Girng Huber GmbH, located at Lower Bavaria with our 250 employees, we guarantee the highest quality in design and manufacture ever produced in Germany. With always the goal in mind: to provide architects and builders with custom solutions in every form – for creative features in innovative façade design. This is underlined by our sound practical advice and our numerous distinctions. More at www.moeding.de.

ALPHATON® terracotta tiles

The extruded MOEDING ALPHATON® terracotta tiles are produced mainly from domestic clay and are fully imbued with color. Due to the very high firing temperature and the long firing period, intensive colors and the best strength are achieved. The terracotta tiles are double-walled and 30 mm thick. The breaking loads of the ALPHATON® panel are therefore many times higher than with single-walled panels. The shape of the panel holders also contributes to the stability of the whole façade design. The panel holders are formed in such a way that frontal forces are transferred to the whole tile thickness and dissipate into the substructure. The specifications for this are the so-called ball-throw test and the CWCT accreditation, which is generally applicable in England and is already part of the standards there.

LONGOTON® terracotta façade

The LONGOTON® terracotta façade is our response to the increased demand from planners and architects for large format terracotta façade elements. New dimensions: Panel length from 150 mm to 3000 mm, Panel height from 150 mm to 600 mm, on request panel height of up to 1000 mm are possible.

Service and advice at MOEDING means:

- Comprehensive support in planning
- Technical support at the planning and building stage
- A strong field and office sales team

Free maintenance

Leed approved

High insulation technics

Best architectural Look

Double ventilated Layers for Air flow





Viroc Cement Wood Board



Made in
Portugal



Products:

- ♦ Wall cladding system
- ♦ Wall /Slab Partition system Fire rated min 1-2 Hours
- ♦ Wall /Slab Partition system Sound insulated min 55 STC

Advantages & Benefits:

- ♦ **Panels** can be produced in 3m x 1.25 for big panels
- ♦ **Warranty** for 10 years.
- ♦ Fire Proof Class B
- ♦ water , moisture , and Highly impact resistant
- ♦ the best in Thermal Conductivity and sound insulation
- ♦ erection can be done easily with any skilled labors.
- ♦ panel can be painted with any color listed in catalogues
- ♦ a green building products approved by LEED
- ♦ do not require any maintenance for 20 years



Approved & Tested By :

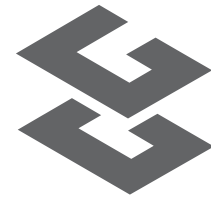


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Underwriters
Laboratories

Warrington
FIRE
research



3D Printed House

Step into the future – 3D-printed houses are here and in high demand. Cutting costs, saving time and eliminating waste – can 3D-printing reshape residential architecture as we know it?

Traditional housebuilding methods may have changed in the last 200 years, but it has retained one key element – humans. Even with the latest diggers and cranes, people were still needed to pilot them. But now, industrial 3D printers can extrude concrete based on a 3D model and build houses completely autonomously. These gigantic 3D printers can build an entire 3D printed house in just hours!

3D printing offers the chance to build houses faster, more accurately and cheaper than ever before.



Lightweight Concrete Pods

The structure of the lightweight concrete pod consists of a 6mm diameter wire-mesh reinforcement embedded in a 1.750kg/m³ concrete shell density. The standard wall thickness is 50mm + 10mm for tile finish. The external walls are ready for surface smoothing by the client in one of the following solutions: gypsum board, paint or wallpaper application. Holes for services, door and window openings are in accordance with the project design requirements.

The shell manufactured according to the regulations for prefabricated lightweight concrete pods is not a load-bearing element. The pod must be placed on 12mm (6mm + 6mm) thick rubber pads on each bottom corner of the pod and positioned directly on the building floor slab. Any direct contact between the pod unit underside and building structure or construction surface is strictly forbidden.





Dof Cork

Dofcork



Made in
Portugal

100%

Recyclable

100%

**Sustainable
& Environment
Friendly**

E-Class

Fire rated

Leed

**Approved
product**

Cork is a renewable resource, extracted from cork oaks every 9 years without any harm to the trees.

Therefore, using cork for construction also means preserving an ecosystem that is unique in the World.

DOF cork (Dinis Oliveira & Filhos, S.A.) opened in 1987 as a specialized cork transformer. After 25 years of process optimization, DOF cork's technology is ever closer to delivering the best of cork.

Nowadays, DOF cork supplies the construction industry with 3 families of materials:

cortiPAN corkboards – the best thermal and acoustic insulation solution for exterior and interior.

corkROLL – is a convenient solution for interior thermal and acoustic insulation, with the possibility of being used as final coating.

corkGRAN – can be used for both for making lightweight concrete and as a loose insulation.

Due to its versatility, cork products allow for credits in several categories of the standards for green construction.

Cork – the green building material that combines sustainability with excellent thermal and acoustic insulation and natural fire resistance.

ETICS/EIFS – wall system external thermal and acoustic insulation with cork boards.





3D UHPC STONE



3D - UHPC STONE

The Latest Innovation system for the replacement of Stone 3 D panels, External Cladding
Internal cladding, All Colors and Shapes

These products are made of light concrete containing expanded clay and are used as interior and exterior decorative parts. The parts and pieces are made in different dimensions, shapes, and based on the same Concrete Mix Design, and are generally connected to the underneath the object with the appropriate adhesive.

Advantages & Benefits:

- ♦ **LIGHTWEIGHT:** CONCRETE PANELS INCLUDING EXPANDED CLAY
- ♦ **CONCRETE MIX DESIGN:** typical to ASTM C 1670
- ♦ Free of any maintenance
- ♦ **Easy:** install - Daily 200 - per day/ group
- ♦ **Less weight:** 15 kg /m2 only
- ♦ **High** fire insulation - Class A
- ♦ It gives the building the best looking facades.



Future Homes



What is future homes

Future home is a kind of creative temporary lodge, which features easy to move, fast installation, and low-demand on ground sites. Nowadays, people are more likely to spend relaxing time to get closer to wild nature by living in such a luxury tent.

Humanization in decoration, with a full set of ventilation windows, clear glass sidewall, to absorb the bright sunlight in the morning. The living room could be equipped with soft mattress, desk, wardrobe, and hangers, tea table, chair, sofa, nightstand, bedside lamp, table lamp, mirror, as well as other types of furniture set you like. The bathroom could be fitted with toilet, washing cabinet, bath tub&shower head,etc.

People can relax at the front deck, looking up at the sky, inhaling the sweet of flowers and grass. It is the hotel tent that brings a totally new kind of leisure life experience to people who exhaust in the fast-paced cities.

Advantages & Benefits:

- ♦ **No pollution installation:** Recyclable materials, more eco-friendly.
- ♦ **Assembled structures:** Fast installation, low cost.
- ♦ **High safety performance:** Anti-seismic up to 9 levels, tarpaulin B1 fireproof, flame retardant.
- ♦ **Beautiful appearance:** The tent hotel space is designed to be flexible and adaptable to local conditions and fully enjoy the beauty of nature.
- ♦ **Comfortable to live:** A variety of modern facilities, perfect combination of nature and technology.
- ♦ **Good investment prospects:** Composite vacation mode of scenic spots + glamping, new positions in new tourism layouts.



Services & Management

On many projects, we perform turn-key services for our clients, managing all aspects of construction, from initial planning through final installation. Because we offer a wide breadth of services, we can often keep as much as 100% of the work in our care, custody and control. Our strength is a careful management, highly qualified personnel and "ownership" of every project on behalf of our client. Our structural steel experience includes manufacturing steel supports for the buildings' requirements and supports, such as hospitals, compounds, malls, villas and all aspects of the materials handling and installation industry. Go Green is also one of the selected few contractors who have maintained the well building standards for more than 15 years. All working procedures are certified in accordance with specifications, drawings, and this program which includes training for inspection under the guidance of a certified inspector on staff.

Management

Regardless of size, At Go Green every project is important. The reputation of the Company has significant impact on its future and the future of its employees. The Company is comprised of many second generation employees who are proud of the Company's heritage. All employees strive to continue its legacy as well as protect their interest since each and every employee is a shareholder. It is this tie between company and employee that offers customers the assurance that their project is as important to those performing the work as it is to the customer.

ISO 9001 | ISO 14001 | ISO 45001





Go Green Projects

GREEN PROJECTS SINCE 1995

Year	Client	Project
1995-2000	More Than 250 Villas	
2000	Arab Contg	Army Base Navalhq
	Gettco	Palace Sh Faisal
	Landmark	Walls
	Sh. A Al Thani	Villa- Jumailiya
2001	Qnoc	Amir Sitting- Gym Ittihad & Rayyan
	Sh. Kld. Bin Eid	Beach House
	Ras Laffan	Em
	Qnoc	Stadium Modification
2002	Villagio	AAC Panels
	Gettco	City Center
	Arabian Engg.	Hordi Blocks
	Al Badi Contracting	27 Villas
2003	Sh J Al Thani	108 Villa
	Hbk Contracting	AAC Panels
	Sh.Thani Bin Abdulaziz	AAC Panels
2004	Villagio Towers	AAC Panels
	Oriental Ent	AAC Panels
	Tadmur	Arabi Stadium
	Arabian Engineering	Towers
2005	Beach Resort	5 Star Resort
	Qnoc	Horse Race
	United Const.	Sheraton Renovation
	Abdul-Aziz Al-Thani	88Villas & Car Park
	Al Rabban	Lulu Hypermarket
2006	Sh.Abdulla Al Thani	60 Villas
	Ram Co Trading	Labor Accom.
	Gulf Center For Food Stuff	Labor Accommodation
2007	Pearl Tower	Pearl Mec/Gulf Housing /Cat/Simplex
	Pearl Tower	Redco Construction-Blocks
2008	Al Alia	Wathnan Mall
	Punj Lloyd	Ep2 Pipe Line Project For Rloc
	Pearl Tower	Redco Construction- Lintels & Consumables
2009	Six Construct	Six Construct Labor
		Accom. 20 Bldg.
	Labor Accom.	Gulf Center For Foodstuffs
2010	Sh. Saoud Al- Thani	Mosque
	Sh. Khalid	Private Houses
	Sh. Thani	Beach Houses
2011	Gulf mall	Blocks
	Gulf Warehousing	Several Locations
	Opera Cafe	Abu Hammour

Year	Client	Project
2012	Hayatt Plaza Mall Extensions	Waab
	Qatar Airways Towers	Bin Mahmmoud
	Gulf East Towers	Dafna
	Qnoc	Several Locations
2013	Horse Arena	Al Khor
	Gulf Ware House	UmmSaed
	Al Meera	Dafna
	Vision School PRIVATE	School at Al Wakrah Labour Accommodation
2014	Double Tree by HILTON	AL Sadd Tower
	PRIVATE	Villa
	ASHGAL	Al Wakra School
2015	LULU	Al Khor Mall
	LULU / QIC	LULU Masiylah
	Redco Al Mana	Doha Oasis
2016	HARINSA	Waldorf Hotel
	SH. Abdulaziz Bin Nasser Al Thani	Al-Shahaniya Rest House
	Al Muftah Tradind and Contracting	Al Meera Al Wakrah
2017	Al Muftah Tradind and Contracting	Al Meera Umm Salal Ali
	Sofital Hotel	Al Baker Tower 1 Sofitel Hotel
	Novotel Hotel	Al Baker Tower 2 Novotel Hotel
2018	Shk Mohammed BinFahed AL Thani	LULU Mall Bu Sidra
	Al Majed	Al Majed Tower Lusail
2019	Lusail Stadium	Supreme Committee for Delivery & Legacy
	Lulu Gharafa	LULU
	Rayyan Stadium	Supreme Committee for Delivery & Legacy
2020	Qatar Industrial Manufacturing	QIMC
	HH Sheikh Mohammed Khalifa Hamad Al Thani	Dream Hotel
	Private	Private Villas
2021	Lusail Real Estate	Commercial Boulevard 18 Buildings - MEGA FIFA PROJECT
	Nozul Real Estate	Aman Hospital
	Al Jaber	Fox Hills Residential
2022	Barwa Real Estate	Family Housing- MEGA FIFA PROJECT
	Barwa Real Estate	Labor Accommodations MEGA FIFA PROJECT
	ATKINS	Qetaifan Water Park
2023	Al Jazeera	Vendome Mall
	Dar Al Handasah	Yasmeen City- MEGA PROJECT
	Oryx GTL	New Admin MOC Building Raslaffan
2024	CRAFTERS	Emiri Terminal Airport Qatar

Where to find us ?



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أي اختبارات أو تصميمات أو حسابات أو رسومات أو تفاصيل أو رسومات أو رسائل أو معلومات أو جداول أو عروض أو صور أو كتالوجات أو دعاية أو رسائل الكترونية أو أي ترجمة لها هي حقوق محفوظة لشركة غو غرين إنترناشيونال ذ م م فقط و أي وثائق من أي نوع كان لا يمكن استخدامها في أي طريقة و يمنع منعاً باتاً إعطائها أو مشاركتها مع أي شخص أو طرف بدون موافقة خطية رسمية منا. تعامل جميع الوثائق بسرية و يمنع نشرها أو استعمالها. و جميع الحقوق محفوظة