NEGOCE INTERNATIONAL

EMMEDUE - CONSTRUCTION SYSTEM

A Construction Technology Combining
HighQuality, Low Cost, and Fast Implementation

NEGOCE INTERNATIONAL LIMITED

Making our due contribution to fill the gap in housing in Africa. NEGOCE International Ltd is a pathbreaker and leader of Africa in Housing technologies. We develop steel reinforced modular EPS panels which are used to build houses. NEGOCE Business covers housing project development, Housing financing, Urban planning, waste management, rain water management, renewable energy and technology transfer.

To date, millions of Africans are homeless and NEGOCE International has committed to contribute to make the 'motto: Shelter is my Right'' become a reality by providing a possibility to access to an affordable, decent and adequate shelter which is a basic right for all.

NEGOCE INTERNATIONAL LTD operates worldwide through a network of sister companies, all patents of EMMEDUE with Head Quarters located in Italy.

INDEX

A COMPLETE RANGE OF PANELS

EMMEDUE® MODULAR PANELS

For residential, industrial and commercial buildings

EARTHQUAKE RESISTANT MULTISTOREY BUILDINGS WITH SINGLE PANEL

For over 30 years the EMMEDUE® building system has been used throughout the world, even in the most remote places of the planet, successfully tackling even the most catastrophic natural events.

“The earthquakes are natural calamity, but unsafe buildings are not.

Earthquakes do not kill people, bad buildings do”

30 YEARS
OF RESEARCH AND INNOVATION

30 years ago, the EMMEDUE® building system revolutionized the traditional building concept. Today those same 30 years guarantee a product that remains innovative, safe and reliable.

“We believe in a market that deserves more efficient products able to ensure high performance, safety and comfort”.

The constant search for innovative and technological solutions has led to the creation of the Research & development division, specialized in the engineering of new technological solutions applicable to both machines and their final products

From 1980 to date over 100.000 buildings have been built all over the world with the EMMEDUE building system.

For over 30 years EMMEDUE has researched and developed the most advanced technological solutions for the industrialized and automated production of the various building system components

EMMEDUE® MODULAR PANELS
For residential, industrial and commercial buildings

I. NEGOCE INTERNATIONAL

Presentation

NEGOCE INTERNATIONAL LTD is a MOROCCO REGISTRED COMPANY WHICH SISTER COMPANY IS registered in UGANDA and aims to promote a new partnership between Africans companies to make Africa a continent that not only consumes technology and industrial products but a producer of construction technologies .

NEGOCE INTERNATIONAL therefore disposes of a vast network of African experts and technical, financial, industrial and institutional partners as well as a database of investment opportunities in Africa.
NEGOCE INTERNATIONAL advises, coordinates and supervises the implementation of major construction projects through PPP mechanisms (Public-Private Partnership) or EPC (Engineering Procurement Construction) especially in Housing by using new technology as a way of building.

Uganda is the 21st country in Africa following the nearby Kenya to adopt Emmedue System of construction.
In this profile we will use the term EMMEDUE or its acronym M2.

NEGOCE INTERNATIONAL LTD is in partnership with several industrial groups the principal being EMMEDUE, all established in the 1980's and 1990's with an average 30 years of existence. These groups are well established, enjoying great reputation both domestically and internationally.

EMMEDUE have passed with success the ISO9001 certification and are also holding many other certifications such as «quality management system certification and national high-tech Enterprise certification » etc....

The EMMEDUE panel system is known as the most performant in the building of housing and multi-stored houses using the advance technology of EPS panel.

The group has factory with a total surface of 110 000 m2 , employs over 1500 employees including 46 senior mechanical engineers, 48 engineers with others qualifications. The moto of the company is : "Quality is Life",

NEGOCE AND EMMEDUE CONSTRUCTION SYSTEM

NEGOCE CONSTRUCTION SYSTEM (EMMEDUE) wants to give people around the world the opportunity to build safe homes in a short time, providing living comfort and energy efficiency.

LOCATION OF THE COMPANY AND GEOGRAPHIC TERRITORIES SERVED

The company is located in Oujda in Morocco. Its projects are global scale - France, the Maghreb, Asia and Sub-Sahara countries are their favorite fields. Opened a branch in Uganda. (NEGOCE INTERNATIONAL UGANDA ltd)

COMPAY HEADQUATERS:

The NEGOCE INTERNATIONAL HEAD QUARTERS is in MOROCCO, LOTISSEMENT MILITAIRE, BD MOUAD IBN JABAL N27-60000 Oudja and the Africa coordination office in UGANDA, KAMPALA, NAKAWA DIVISION , KYAMBOKO UPPER ESTATE, ANNES CLOSE.

TECHNOLOGY MADE IN ITALY :

EMMEDUE produces the PLANTS that manufacture the panels which NEGOCE INTERNATIONAL uses as " NEGOCE Construction system" which has been tried and tested for over 30 years, developed and optimized for developers and marketing business partners, sales, planning or construction.

•Since 30 years leaders in manufacturing and marketing of the EMMEDUE building system;

•Owned factory + licensees networking totaling over 50 plants in 5 continents.

OUR AREA OF EXPERTISE IN HOUSING CONSTRUCTION

Negoce International as a company can also work as a consortium with other companies having the reputable experience in the fields of :

- Residential housing
- Affordable housing
- Multi-stored buildings
- Warehouse and factory buildings
- Container houses and emergency houses
- Military housing structures/ Dormitory
- Community buildings
- Hospital/medical structures
- Educational facilities
- Urban planning

COMPANY MISSION

The Third UN Conference on Population held in Cairo in 1994 showed an explosive population growth which will bring about an abundance of world-wide problems in its wake.
In the 15 largest cities of the world alone, a demand for more than 100 million homes with the necessary infrastructure will arise in the 15 years to come. '' Shelter is my Right '' was the theme chosen in 1986 in Nairobi at the first world Habitat day organized in the Kenyan Capital. To date, millions of African are homeless and NEGOCE INTERNATIONAL LTD has committed to contribute to make the ''moto, Shelter is my Right'' become a reality by providing a possibility to reduce the gape in accessing to a decent and adequate shelter which is a basic right for all.

WHY USING NEW TECHNOLOGIES IN CONSTRUCTION

The fast-growing population triggers the need for a new, cost-conscious building system to satisfy the tremendous demand on low-cost housing in the world. The requirements this building system has to fulfill are the following:
- Fast and easy erection with unskilled laborers
- Economical use of local materials
- Structurally stable construction
- Good thermal and sound insulation
- Use of prefabricated elements produced on an industrial scale (thus, low cost)
- Great variety of design features
- Minimum installation work on site (no cranes)

Traditional building methods, such as brick, concrete, steel and prefab comply only partly with these requirements.

Only 3 dimension panels like the one designed and produced by EMMEDUE comply and combines the desired requirement listed above with a cost conscious production. The panels produced by NEGOCE-EMMEDUE technology are extremely rigid and ready for field installation.

BACKGROUND OF INTRODUCING NEGOCE SYSTEM IN CONSTRUCTION

Attempts have been made over the years to design a process to automate the manufacture of a welded wire sandwich panel.
In the early 1960´s, the idea of using a three-dimensional panel with insulation material sandwiched between two layers of welded wire fabric came up in the United States. While the idea sounded good, technology did not exist a way to economically and efficiently mass-produce the panels, utilizing the most economical insulating and reinforcing components. EMMEDUE, an Italian company known worldwide for the manufacture of complete mesh welding plants and special equipment, have designed and patented machinery specifically to mass-produce EPS panels.

The breakthrough of EMMEDUE's development is the use of Polystyrene sheets in module size. The spacer wires are diagonally pierced through the plastic foam core and welded to the two mesh layers. The spacer wires hold the core firmly. The panels produced by using EMMEDUE equipment are extremely rigid and ready for field installation.

Numerous residential, commercial and industrial developers nationwide have taken advantage of the EMMEDUE system to create better buildings and save on project costs, especially when compared to concrete hollow blocks. Projects that have used NEGOCE-EMMEDUE include Coca-cola Headquarters in Quito, Copertina Glaciarum, SM and Robinsons Malls, the Waterfront Hotel in Cebu, the United Architects of the Philippines National Headquarters, several resorts in Boracay's White Beach, and many more.

coca-cola headquartes in Quito

BACKGROUND OF INTRODUCING NEGOCE SYSTEM IN CONSTRUCTION

NEGOCE INTERNATIONAL LTD. is aiming to get partners to fulfill that objective ''Shelter for the Homeless''. High levels of population density, coupled with poor building techniques have given rise to shantytowns that have no proper infrastructure, no community of tenure. In the event of a disaster of any kind, a complete breakdown can result in a chaotic situation and enormous loss of life.
Durability of structures, low cost constructions, as well as the employment of a local workforce, are all new urban and societal challenges that we respond to by forming NEGOCE INTERNATIONAL COMPANY.

Effective collaboration and qualified personnel trained in new technologies testify to our ability to unite the various stakeholders at all stages of the project. A cohesion that, in fact, is a major asset in the realization of iconic projects

NEGOCE INTENATIONAL U.A. wants to be the unique interlocutor for your constructions of tomorrow. Our quality is expressed not only during the delivery of the work, but also through the method used, the technical mastery proposed, and productivity, throughout the project.

Glaciarium_-_Museo_Del_Hielo_Patagonicooo

A. PLANT

NEGOCE INTERNATIONAL UGANDA LTD, proposes to the country the installation of a factory which will not only create jobs, but also a transfer of technology. The training we provide allows the youth to master this new way of building.

The NEGOCE plant consists of a complete series of machines and equipment that allow the production of the entire range of NEGOCE panels. All Emmedue plants are modular and are designed with customized production capacities, based on customer needs and market prospects.

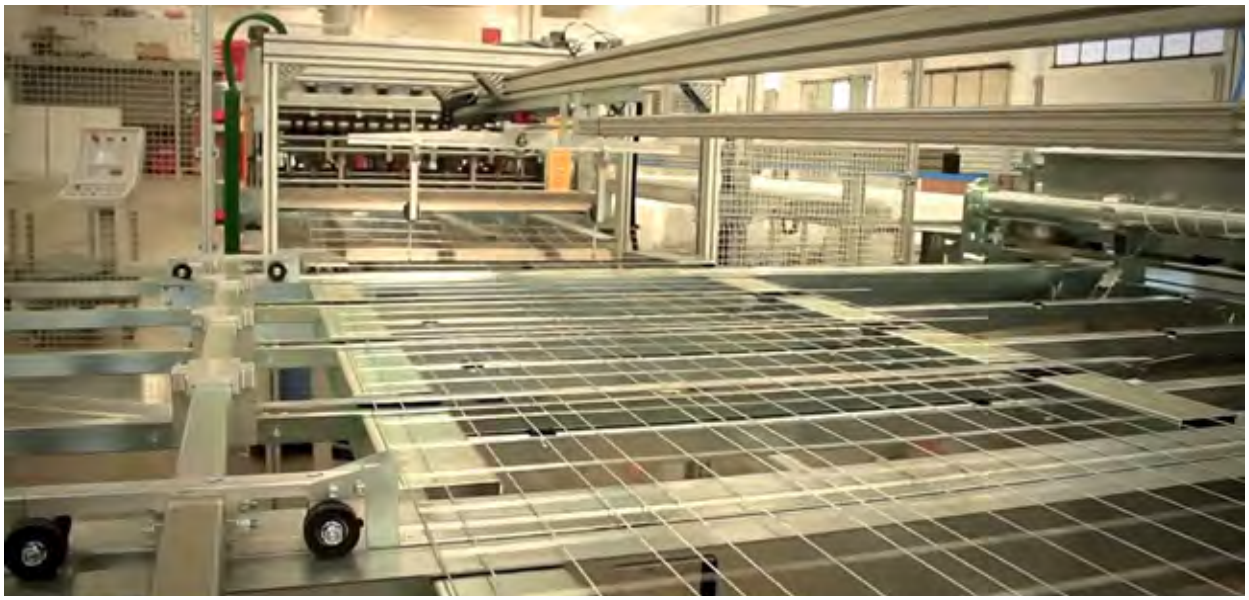
The factory trains engineers and architects with the PANELCAD software, and offers a large package of training in the fields of masonry, electricity, plumbing, etc.

The NEGOCE Panel production process requires only two raw materials. Using only two material, the expandable polystyrene and galvanized steel wire,

THE BEST OF FLEXIBILITY AND PRECISION

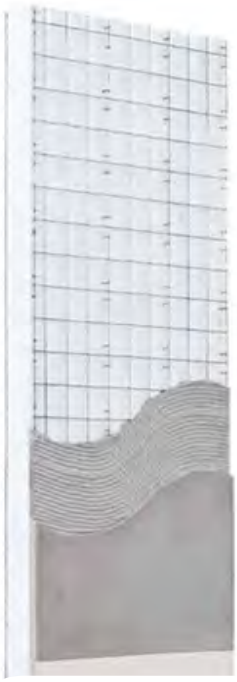
The result of over thirty-five years of experience is a plan that sums the most sophisticated welding technique, great production efficiency and maximize the safety standards for the production of every type of panel in the EMMEDUE range.

PLANT



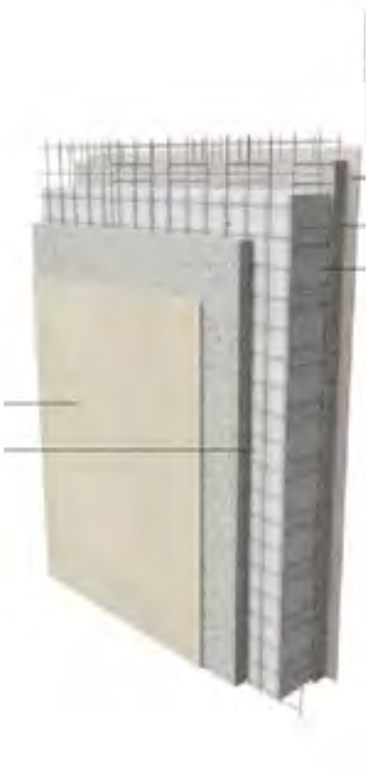
EMMESMART offers Plants and solutions for starting a successful, high performance business, producing the most innovative, certified and safest building system in the world. The smallest EMMEDUE plant with all the EMMEDUE know how can produce 2000 sqm of panel per shift of 8hours.

B. THE EMMEDUE PANELS



The basic element of the EMMEDUE® building system is a modular non prefabricated panel, made up of two electro-welded steel wire meshes, linked each other by connectors, sandwiching a polystyrene foam slab suitably shaped. Produced on an industrial scale the panel is then assembled and cast-in-place using shot Crete.

EMMEDUE® offers a complete range of building elements: load bearing walls, floors, roofing, stairs, partitions and curtain walls.
Therefore buildings can be entirely constructed with the same building system, optimizing different supply and timing phases as well as work force availability.
Produced

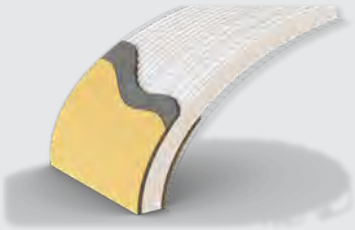


Single panel :

The heart of the System is the M2 NEGOCE single panel in expanded polystyrene: modular, not prefabricated and enclosed by a double-galvanized steel mesh joined by connectors. The EMMEDUE ® single panel is made up of a spatial steel lattice enclosing an expanded polystyrene slab that is then finished on site with plaster. This panel is perfect for walls, partitions, claddings, floors and roofing of both civil and industrial applications. Used as a load- bearing structure, for buildings of up to 6 floors, with structural plaster placed on both sides; as partitions and claddings, in new buildings or in those in need for renovation; as curtain walls and partitions in large-sized industrial and commercial buildings; as insulating frameworks for roofing and moderate spam floors, prepared with or without pre-cast beams. The panel is industrially produced and it is then assembled and completed directly on site with two layers of concrete. The self –supporting panels can be made in various shapes and cover the entire range of elements necessary to finalize any type of project in the building industry.

Double panel

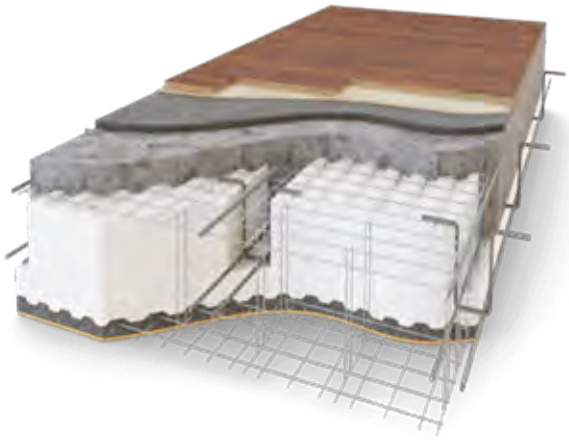
An insulated double panel, excellent for reinforced concrete walls, including load-bearing and retention ones. The double panel consists of two basic panels, suitably shaped and joined to one another by double horizontal connectors, creating a cavity to be filled with concrete having appropriate characteristics and strength. The panel is then finished by external plaster. The double panel comes with reinforcement certified by an Official Laboratory in accordance with the Law 5/11/1971 no. 1086 - d .M. 14/01/2008, complying with the provisions concerning reinforced concrete structures as stated by the EUROCODE 2 (EC2).



Curve panel :

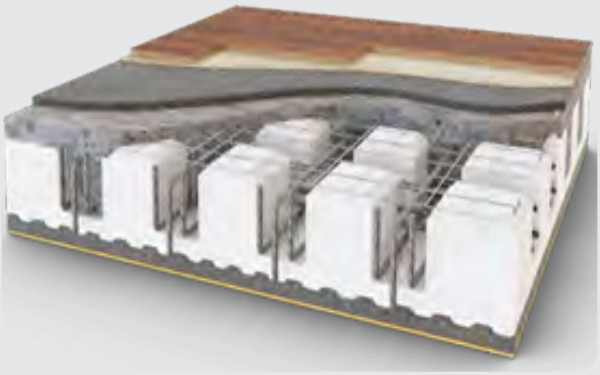
Landing panel :

A panel used to build landings, floors and bidirectionally reinforced plates. It provides continuous insulation to the panel intrados. The EMMEDUE® landing panel is an excellent solution to build landings next to the stairs made with the EMME d UE ® stair panels. The landing panel can also be used for any plate or slab made of concrete to be reinforced in two directions, offering the advantage of both reduced weight, when compared to a full slab, and continuous insulation when used also as a formwork



Floor and roof :

A panel used to build floors and roofing with reinforced concrete joists, providing significant advantages in terms of lightness, insulation and speed of assembly. The EMME d UE ® pre-formed polystyrene foam slab, reinforced with suitable steel joists and then adding cast-in-place concrete, can be used to construct floors or roofing when reinforced with suitable steel joists and then adding cast-in-place concrete. Shown in the picture: a reinforced panel ready for installation



Stair

A panel for the fast construction of a lightweight and resistant stairs.
Made up of a polystyrene foam bl oc k th e pa ne l is s h ape d to design r equir ements and sandwiched between two metal meshes by welded steel wires. When reinforced and cast-in-place it is ideal to build stairs that can be exter nally finished with traditional plaster, tiles or any other finishing material. The stair panel is quick and easy to install and offers particular lightness and strength

sample house in Uganda

c. NEGOCE BUILDING SYSTEM

EASY HANDLING

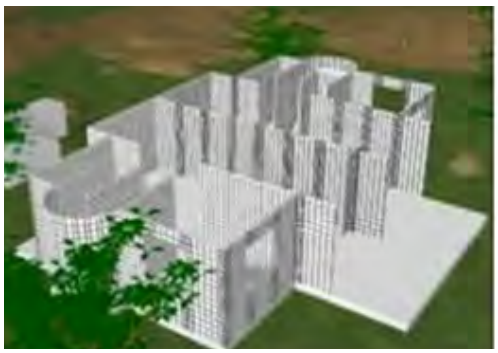
The EMMEDUE® panel remarkable lightness allows easy and quick transport and handling.

The EMMEDUE® panels can be manually positioned and linked together by a nail gun or conventional construction wire

The chases are easily created by melting the polystyrene behind the metal mesh using a hot-air gun or any other similar device

Getting started (foundation)

Panels erection



Panel layout

Applying concrete to walls

Installing piping and electrical

Installing slab panels

NEGOCE INTERNATIONAL LTD uses M2 SYSTEM which is a modular system made up of two electro-welded steel wire meshes, linked each other by connectors, sandwiching a polystyrene foam slab suitablebly shaped that contributes to distribute perfect heat insulation and sound proofing.
M2 NEGOCE is a versatile system, with a remarkable design flexibility and a complete capacity of integration to other building systems.

M2 NEGOCE is an innovative seismic-resistant and insulating building system : the easiness of assembling and handling , the extreme lightness and flexibility of the panels permit to design and produce any type of building, even hard operational conditions, in areas at high risk of earthquakes or in severe weather conditions.

D. BENEFITS OF NEGOCE INTERNATIONAL BUILDING SYSTEM

a. Technical Benefits

Fast Building process

1/3 time compared to the traditional construction with factory quality. Numerous experiments conducted under the most varied conditions, in several countries of the world and the most different sets of workers have demonstrated a consistent reduction in the time of construction of buildings made with the M2 NEGOCE over those made with traditional systems thanks to the use of an industrial product which optimizes assembly sequences and minimum limits to the operability of site personnel

Thickness varying (from 10 cm to 25cm) for the following performances:

- Good thermal performance to reduce internal heat and the need for air conditioning. Thermal conductivity: 0.03 w/m.k . The remarkable improvement of thermal comfort inside the houses built with M2 NEGOCE system is guaranteed by the widespread presence of polystyrene and its low thermal conductivity that eliminating thermal bridges, severely limits the power consumption.

Lightweight Materials:

The panels are lightweight while rigid enough to finish before repeal, thereby resulting maneuverable and easy to assemble also in difficult working conditions. 350kg/m2

Load resistance

Numerous laboratory tests carried out in different parts of the world and in Italy have revealed the high load resistance M2 NEGOCEpanels. For example, compression load tests conducted focused on a single panel finish, high 270 cm have obtained a final load equal to 1530kN/m

Fire resistance

The quality of expanded polystyrene panels used in our self-extinguishing type is, moreover, the two layers of concrete lining the sides of the panel suppress combustion. Fire resistance has also been verified with tests carried out in different laboratories, which have largely satisfied the minimum requirements requested by current standards. For example a wall panel made of PPR-80 has demonstrated higher fire resistance REI120.

Resistance to earthquakes

Laboratory tests conducted on a prototype two-story M2 NEGOCE scale have shown that the structure withstands, without damage, solicitations higher than those estimated for an earthquake-notch, which is the maximum set by the Italian seismic regulations. The results obtained in this test represent the scientific confirmation of what has already been experienced repeatedly in nature.

Cyclone resistance

Constructions with the M2 NEGOCE SYSTEM in high-risk areas have shown cyclone, in the course of the years, its resistance to the passage of the most devastating cyclones, confirming the high resistance of M2 NEGOCE buildings to the complex and thrusts forces by cyclones.

Acoustic

The sound insulation panels M2 NEGOCE SYSTEM is one of the advantages of the construction system. A possible application to panel inserts absorbing materials (cork, coconut fibrasde, plasterboard, rockwool, ect.) Optimizes wall insulation designed to respect stricter noise standards.

Large selection of finishes

The paneled walls made M2 NEGOCE SYTEM can be completed, finish level, whether applying a coating thickness directly on raw plaster or, lternatively, traditional paintings on plaster smoothed. Therefore it is possible to use any type of coating without exception.

Good sound resistance, 45dB

Fire resistance: class B3

Other benefits of the technology

- Job creation: With light equipment, the technology integrates gender and gives equal opportunities to men and women.
- Environmental impact: reducing tree cutting and saving energy compared to traditional construction with baked bricks, less waste on site, less water, energy, aggregates and cement consumption,
- Integrates all models: The technology adapts to different geometric configurations (straight angles, curve angles, tubes poles) with all the decorative patterns to choose from.
- The technology adapts to low buildings (in blocks as well as isolated) or multi- level building.

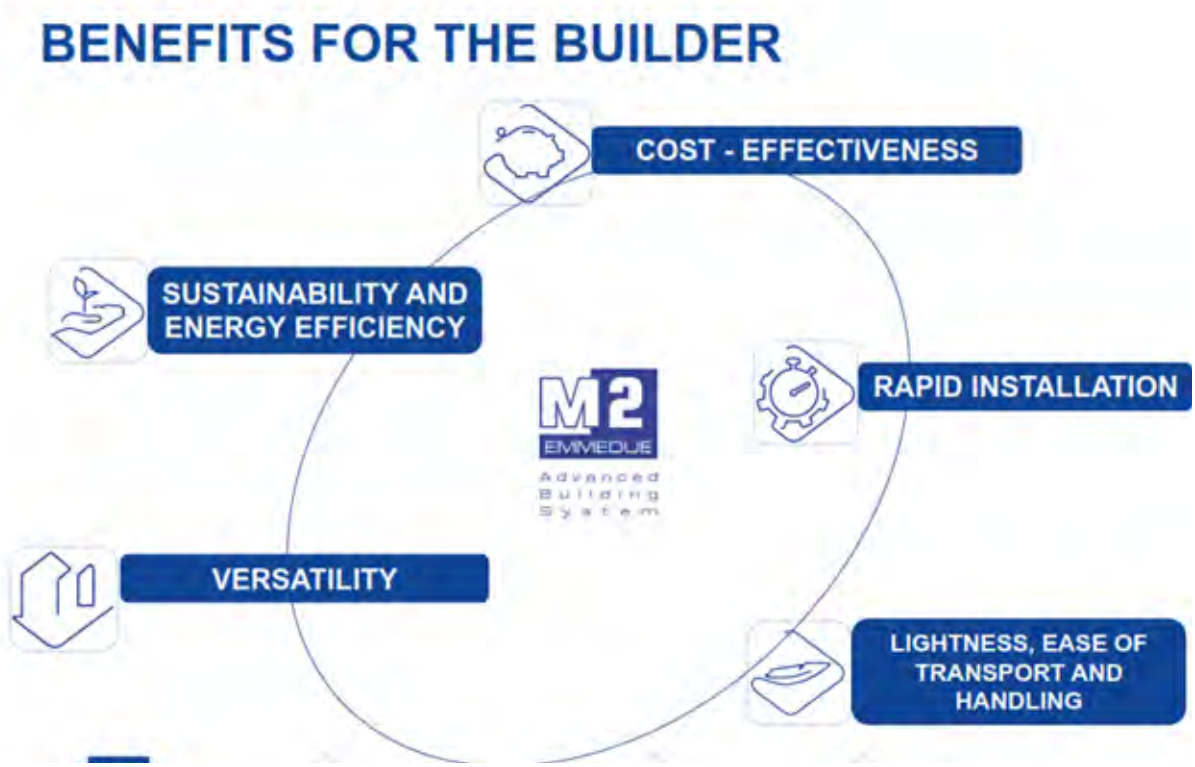
b. Social and economic benefits

- Reducing the gap in housing for the country and has a social impact on more than 506000 Ugandan assuming each teacher having 4 children and teaching 40 student.
- Job creation
- Technology transfer
- Quick assembly and finishing with a reduced assembly time by one third compared to conventional solutions.
- Reduced cost of almost 30% compared with conventional solutions offering the possibility of financial resources for better finishing and for the production of more housing.
- Thermal and acoustic comfort assured.
- Fewer defects (cracks, moisture)
- Luxury finishing with at an affordable price.

Environmental impact:

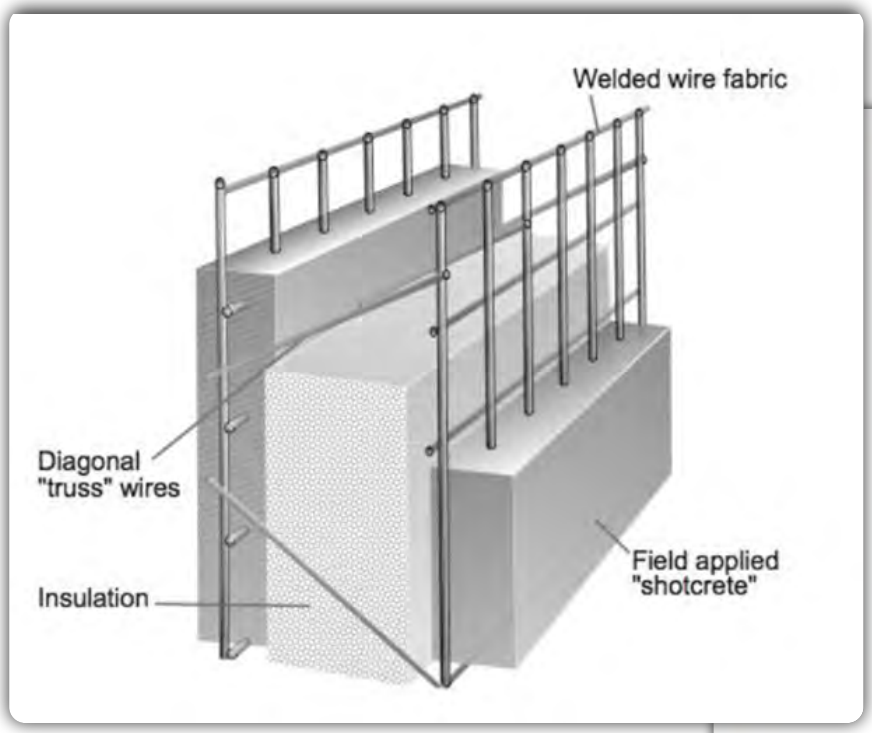
Buildings consume large amounts of energy and the greatest wastes arise from heating and cooling them. Energy saving is the answer to reduce rising energy costs and CO2 emissions.
CO2 emission reduction Up to 40%* in the realisation of the building.
Up to 65%* during its use.
The system provides facilities for M2 NEGOCE humans and support for the environment, not toxic or harmful fires and is completely inert. Does not contain chlorofluorocarbons (CFCs) or hydrochlorofluorocarbons (HCFCs)). Furthermore, not containing organic material, inhibits the growth of microorganisms and MUFAs. During its production not produced waste and process waste recycled EPS directly on the production floor. It does not cause damage to the health of those who produce or install.

c. Benefits for the builder



- Quick and simple realization of social housing projects
- The simplicity of assembly, the extreme lightness and ease of handling of the panels allows the performance of any construction even in difficult operating conditions and in high risk of earthquakes or weather conditions.
- Exceptional savings of heating and air conditioning cost in climatically cold and hot environment.
- Highest possible reduction of CO2 pollution in private housing sector

- Accurate working method at comparatively low physical effort
- Reduction of cost for the labour by up to 50%
- Training of construction personnel in very short and efficient education courses
- Comfortable interior climate
- Highest possible earthquake resistance provided by monolytic concrete construction.



The M2 NEGOCE® panel can be easily hand transported by one/two operators, even in the assembled way and when the dimensions exceed 4 m². Afterwards, during the assembling phase, it can be worked and manually positioned just by one operator without the use of lifting equipment.

This facilitates and speeds up the installation of the panels in any situation. These operations do not demand any specialized labourers.

Plaster application

Once the panels have been joined one another, the plumbing system has been completed, the concrete casting, in the case of double panels, has been done and once the pipes have been arranged, the plaster can be applied directly onto the panel. Here again, if compared to other systems, the advantages of the M2 NEGOCE® system are evident.

The galvanizing of the support mesh does not prevent the use of different types of plaster. Moreover, the plaster, if applied on joined walls and if reinforced with metal meshes, will turn out to be monolithic, excluding any possible phenomenon of flaw due to mechanical and/or thermal strains.
What is more, since there are no patches of the system chases – that are, instead, always visible in the traditional systems – the plaster will turn out to be homogeneous and improved as for quality and even from an aesthetic point of view.
The modularity of the M2 NEGOCE® system allows an absolute flexibility of design and a high level of integration with other construction systems.
The simplicity of assembly, the extreme lightness and the ease of handling of the panels

Blast resistance:

M2 NEGOCE® has evaluated for blast resistance some panels of different combinations of high strength cement together with different styles of M2 steel reinforced EPS building panels. The panels were tested against a commercial high explosive in a test chamber optimized to produce a uniform blast wave at the face of the panels. M2 panels are bullet proof.

M2 NEGOCE® panels have successfully overcome the various tests.

Convenience:

The M2 NEGOCE® panels represent a real advantage both for the final users and the firms since they permit to obtain better performances than the traditional products and at more reduced costs.

Rapid installation:

Several experiences carried out in various conditions, in many countries of the world and using different labourers, have shown a remarkable shortening of the time of realization as for the constructions carried out with the M2 NEGOCE® system if compared to those carried out with the traditional systems, thanks to the use of an industrial product which optimizes the assembling sequences and reduces the operations of the construction site personnel to a minimum.

Lightness:

The M2 NEGOCE® panels are lightweight and sufficiently rigid at the same time, even before their finishing with spritz-beton, (sprayed concrete) so that they turn out to be extremely manageable and easy to handle and to assemble even in the most uncomfortable operating conditions.

Versatility:

The M2 NEGOCE® building system favors absolute design flexibility, since it is equipped with a full range of building elements: load-bearing walls, curtain walls, floors and stairs. Furthermore any kind of geometrical form, either plane or curve, is easily obtainable just by simply cutting the elements at the site.

Compatibility:

M2 NEGOCE® is a versatile construction system which is completely compatible with all other existing construction systems; in fact,
M2 NEGOCE® products are suitable for completing reinforced concrete or steel structures. In addition, M2 NEGOCE® products can be easily associated with other construction elements, such as wooden roofs and pre-stressed, brick or slab floors, and can even be utilised with plasterboard walls. M2 NEGOCE® products can also be used in conjunction with any type of finish available on the market and can be adapted to all types of doors and windows.
M2 NEGOCE® structures do not limit designers to choosing certain products for completing their buildings.
Wide choice of finishing:
As for their finishing, the walls realized with the M2 NEGOCE® panels can be completed both with the application of a thickness covering directly on the raw plaster and, as an alternative or a traditional paint on the smoothened plaster. Finishing of any type are possible without any limitation.

Cyclone resistance:

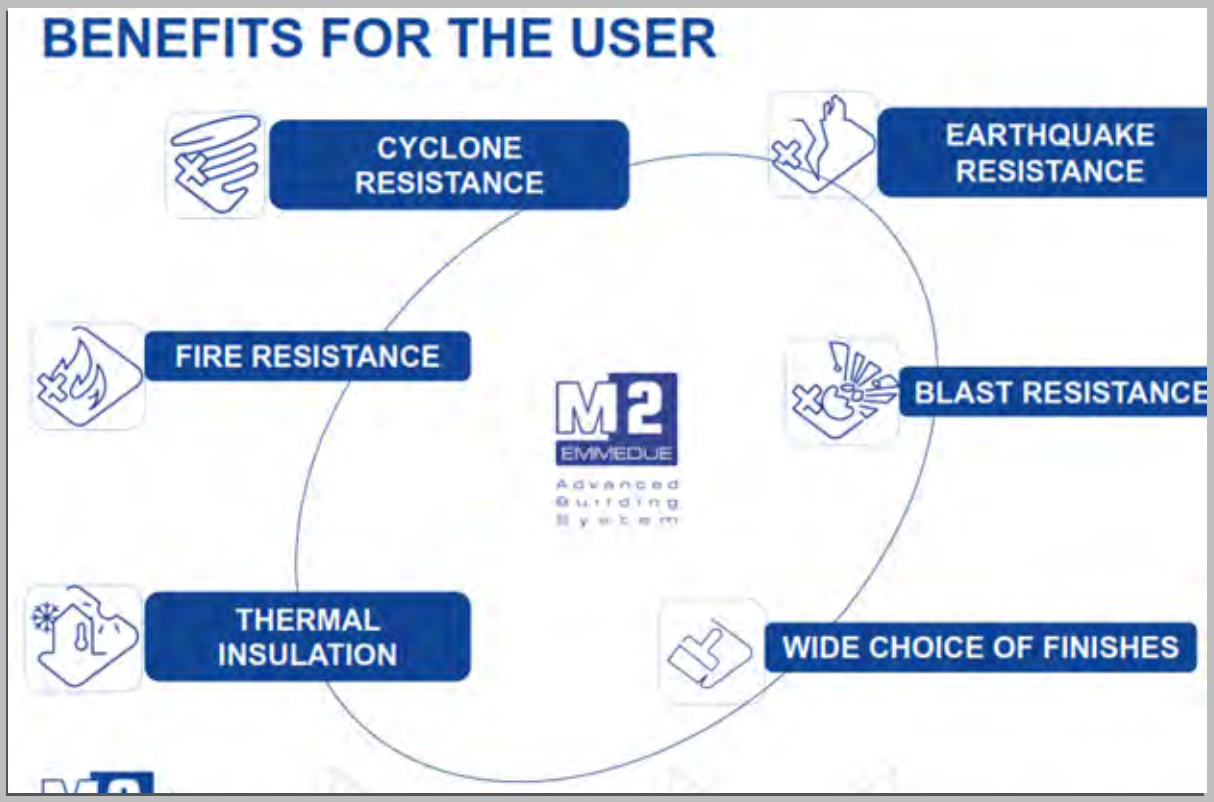
Buildings realized with the M2 NEGOCE® system in areas with high risk of cyclones have proved, throughout the years, their capacity to withstand the passing of the most destroying cyclones, thus confirming the high resistance of the M2 NEGOCE® buildings to the complex strains and thrusts of the force generated by cyclones.

MOBILE FACTORY:

The M2 NEGOCE Mobile Plant is a "turnkey" solution that makes it possible to transport, install and start up an M2 NEGOCE production plant anywhere in the world; this solution is particularly ideal for large construction projects in remote areas, or where issues with logistics may prevent the installation of traditional plants.
Information sourced from M2 NEGOCE corporate website.

1050 Units for Police Kenya in Nairobi

d. Benefits for the User



a. Schools

The EMMEDUE panels may be used for nearly any kind of residential, commercial or industrial building including schools and Hospitals.

school in Vietnam

hostel, Asrama University, Malaysia Perlis

Schools

b. Affordable houses

714 Units built by government at San Nicolas, Buenos Aires, Argentina.

Affordable houses

NEGOCE INTERNATIONAL LTD. is active in the building of low-cost housing and turn-key housing development.

Stand alone or in consortium, NEGOCE INTERNATIONAL LTD. devotes itself to the building of very affordable housing, enabling improved access to low-income families, with an eye on its humanitarian duties to a better life for households around the world.
NEGOCE INTERNATIONAL LTD. strives to build quality houses and apartments at a competitive price, and never compromises its level of excellence. NEGOCE INTERNATIONAL LTD wants to offer access to the majority of families in Africa, Asia, Middle East, and around the World to enjoy suitable and adapted houses / apartments at reasonable prices.

c. Hospital , mall and commercial bulding

Hospital , mall and commercial bulding

In the Health Sector we work together with the reputable PANSANTE group which integrates more than 50 years of experience into the Health care sector and we have partner with experience in hospitality and resort industries.
NEGOCE INTERNATIONAL Ltd. also builds malls, commercial buildings of any size, as well as the traditional African market place.

NEGOCE INTERNATIONAL Ltd. builds several types of hotels from 2-5 stars, and as many as floors the client will want.

Hotel

d. Villas and Houses

Oyun Village in Abu Dhabi

Araha garden

Villas and Houses

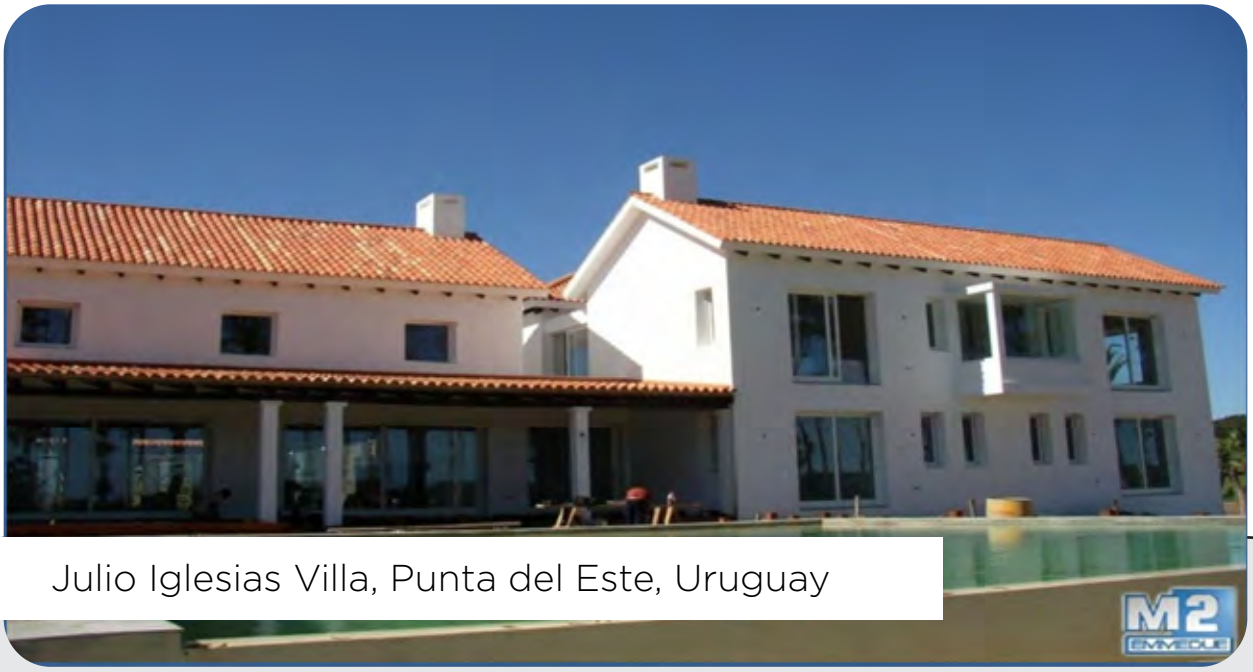
NEGOCE INTERNATIONAL LTD. builds residential developments with single story houses to duplex and triplex houses for customers who are able to select their houses based on different styles in line with their budget.
The concept of residential development includes:
- Community leisure facilities
- Functional facilities
- Security system

NEGOCE INTERNATIONAL Ltd deals in multi-stored buildings with low cost apartments and mid-standing apartments, generally up to five floors.
NEGOCE can combine the traditional way of building with the ''NEGOCE SYSTEME OF EMMEDUE. We can also combine the use of metallic structure and the external walls are either concrete blocks of 15cm or alternatively, the NEGOCE system.
Partitions/internal walls are either ALC or EMMEDUE System

Puerto Plaza, Las Terrenas, Dominican Republic

The Puerto Plaza is a luxury hotel located in the heart of Las Terrenas, Samana Peninsula, northeast of the Dominican Republic. It offers luxury apartments designed in modern Italian Style with high-end finishes. The yacht-shaped building gives the feeling of being on a luxury boat and navigating in a sea of comfort.
The property is superbly located 50 meters from the beach. Surrounding it is the fishing village, the Paseo Colonial and the main restaurants in the luxury hotel, bars and nightclubs of Las Terrenas.
The property is a luxury hotel which has a rooftop swimming pool with a bar/lounge with WIFI connectivity. It further houses a commercial place with shops, pharmacy, and a restaurant. The apartments are spacious and comfortable with a bedroom, a bathroom, a kitchen and a seating area. They are fully equipped with microwave, and other such facilities.

OTHER PROJECTS



Julio Iglesias Villa, Punta del Este, Uruguay

Stand alone or in consortium, NEGOCE INTERNATIONAL LTD. devotes itself to the building of very affordable housing, enabling improved access to low-income families, with an eye on its humanitarian duties to a better life for households around the world.
NEGOCE INTERNATIONAL LTD. strives to build quality houses and apartments at a competitive price, and never compromises its level of excellence. NEGOCE INTERNATIONAL LTD wants to offer access to the majority of families in Africa, Asia, Middle East, and around the World to enjoy suitable and adapted houses / apartments at reasonable prices.

Coca-Cola Headquarters' office building has used the EPS Panel Based Technology to construct certainly one of the most modern headquarters in Quito, Ecuador. The office building is situated in Quito, Ecuador, where the weather averages between 10 degrees Celsius to 25 degrees Celsius.

Two modular mobile homes were built using the EPS Panel Based Technology. Mobile homes are basically that are light in weight and transportable. This concept of mobile homes came into being at the Emmedue Office in Fano, Italy. Consequently, it has seen the light of the day very quickly. The concept revolves around the aspect the homes that are mobile and easy to transport around if and when needed. Such homes are beneficial in a calamity hit zone, where temporary homes need to be provided till the time new constructions comes up in the area.

WAREHOUSES, WORKSHOPS, and INDUSTRIAL BUILDINGS

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COMMUNITY ENVIRONMENT

NEGOCE INTERNATIONAL Ltd. creates community where people feel happy to live, with several optional facilities:

- Play grounds
- Soccer fields
- Basketball fields
- Walking area
- Pool
- Community recreational hall

Environmental impact:

The concept aims to develop nice & friendly environment for housing.
The construction of affordable housing as proposed by NEGOCE INTERNATIONAL Ltd is designed to accommodate the space available for housing needs of the population with a 20% increase of housing compared to the standards recommended by the UGANDA government and integrating all social classes in the same environment

The time saving, heat insulation, acoustic, waterproofing, finishing quality, price /quality ratio allows for economies of scale to an additional offer for more than the housing operation. The site will be mixed-use, in order to create a strong urban milieu, and provide necessary services to the habitants, without having to travel long distance. This will also minimize automobile dependence, corner shops spread over the site , a school and community halls will be within the site.

- Educational complex
- Small shops
- Mall,
- health Centre,
- police,
- Additional accommodation (0,5%) for State Workers. The concept NEGOCE INTERNATIONAL allows creating a suitable space to live in, work, play and rest. The houses are immersed in a green space; recreation areas and housing allow different social classes live in the same space. The concept incorporates the concept of access to basic social structures such as schools, health centers and shopping malls.

TYPOLOGY OF HOUSES:

TYPE I. Only 3 beds rooms of 92 m2

TYPE	Floors	Units/Floor	Building/ha	Total Units/Ha
3 bedrooms	5	6	4	120

TYPE II. We combine 2 bedrooms and 1 bedroom

- 38 m2: One bedroom
- 68 m2: Two bedrooms

TYPE	Floors	Units/Floor	Building/ha	Total Units/Ha
2 bedrooms	4	3	8	96
1 bedroom	4	1	8	36
TOTAL	132			

TYPE III. We combine 3 bedrooms and 2 bedrooms

- 70 m2: Three bedrooms
- 56 m2: Two bedrooms

TYPE IV. We combine 3 bedrooms and 1 bedroom

- 70 m2: Three bedrooms
- 38 m2: One bedroom

THREE BED ROOMS OVER VIEW

Type I :3 BED ROOMS OVER VIEW

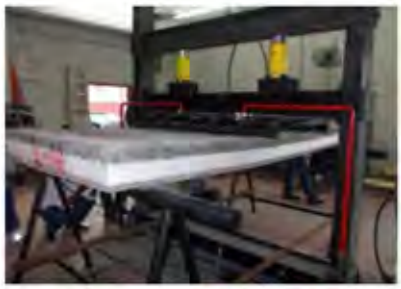
Type II: 2 BEDROOM + 1 bedroom OVERVIEW.

TYPE II : Nice view

TESTING AND EVALUATION

Through ongoing research and development, EMMEDUE strives to constantly improve its products and thus ensure the highest standards of reliability. For this reason, EMMEDUE products undergo the most stringent testing processes:

- Test in rainfall conditions
- Acoustic test
- Static test
- Seismic test
- Fire resistance test
- Blast resistance test
- Crash test
- Acoustic test



M2 NEGOCE, A UNIVERSAL BUILDING PRODUCT

The M2 NEGOCE panels can be used as walls, ceilings, roofs and as filler panels for metal or concrete structures. It can be used for virtually any construction project, from single-story to high-rise buildings, whether for residential or commercial purposes. Stand alone or combine with other technologies

a. SILICON FIBROCEMENT

Nord Panel MG (interior)

It is a panel composed of silicate, fiber and mineral compounds which can be used for dry constructed partitions and ceilings for its strength, its hydrophobic properties and excellent insulation against fire.

Nord Panel FC (exterior)

This panel is composed of mineral fibres and cement, extremely hard and tough, indicated for intensive and external use

b. LIGHTWEIGHT TRUSS STRUCTURE FEATURES

Through simple joints the metal profiles operate as a spatial structure. Characteristics. The lightweight truss structure is one of the most used methods over the whole world, an internal metal skeleton makes all the walls and partitions into load-bearers, adding two new advantages to the dry construction:

Decreasing the section of the foundation and increasing its stability against earthquakes. Mechanical connections link all elements of the S.275 metal structure of 3mm thickness using self-tapping screws.

c. THE ALC

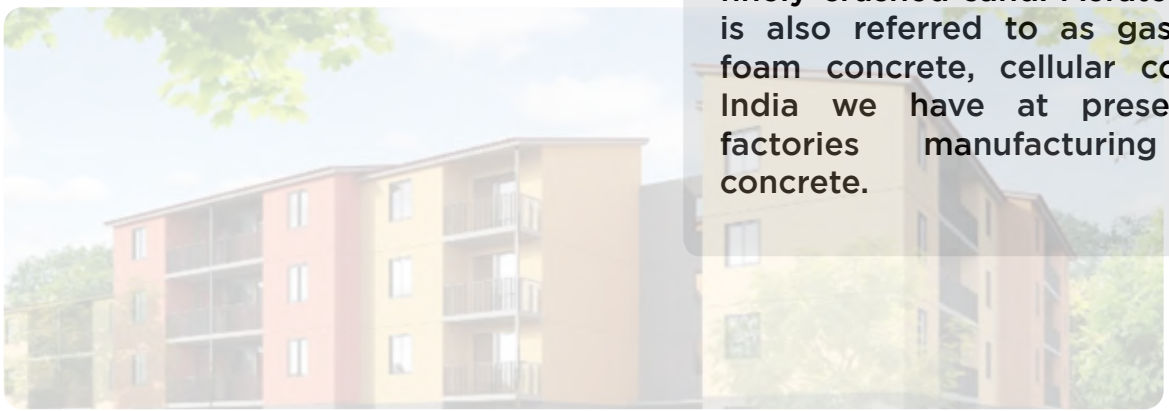
Autoclaved Lightweight Concrete ALC is a highly thermal insulating concrete-based material used for both internal and external construction.
ALC materials can be coated with a stucco or plaster compound, or covered with siding materials.
The need of mortar for laying ALC blocks is reduced due to the lower number of joints. The material required for rendering is lower due to the dimensional accuracy of ALC. The increased thermal efficiency of ALC makes it suitable for use in areas with extreme temperatures. Even though regular cement mortar can be used, most of the buildings erected with ALC materials use thin bed mortar in thicknesses around 1/8 inch, depending on national building codes.
ALC is lightweight while retaining strength and durability

Features of the ALC

The technology ALC (Automated Light Concrete) enables a high production of low cost housing. This housing also encompasses residential, mid, and high class standing houses, as well as multi-story buildings.
This system also allows the building of commercial and industrial housing.
It is a lightweight, precast, foam concrete building material invented in Sweden in the mid-1920s and widely used throughout Europe, the United States, and around the world.

d. AUTOCLAVED AERATED CONCRETE (Béton cellulaire durci en autoclave)

Aerated concrete is made by introducing air or gas into a slurry composed of Portland cement or lime and finely crushed siliceous filler so that when the mix sets and hardens, a uniformly cellular structure is formed. Though it is called aerated concrete it is really not a concrete in the correct sense of the word. As described above, it is a mixture of water, cement and finely crushed sand. Aerated concrete is also referred to as gas concrete, foam concrete, cellular concrete. In India we have at present a few factories manufacturing aerated concrete.



e. ARGISOL Technology

The technology is based on the use of shuttering made of polystyrene and silica to combine lightness and strength. The filling of the formwork is carried out using the concrete depending on the desired resistance.

- Exceptional savings of heating cost in climatical cold and very cold climes
- Highest possible reduction of CO^2 polution in private housing sector
- Accurate working method at comparatively low physical effort
- Reduction of cost for labour by up to 50 percent
- Training of construction personnel in very short and efficient education courses
- Comfortable interior climate
- Quick and simple realisation of social housing projects
- Highest possible earth quake resistance provided by monolythic concrete construction

f. PRECAST CONCRETE

Precast concrete is a construction product produced by casting concrete in a reusable mold or "form" which is then cured in a controlled environment, transported to the construction site and lifted into place ("tilt up"). In contrast, standard concrete is poured into site-specific forms and cured on site.

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