

ECO-HOUSE

Discover a ComWall System built from composite precast sandwich wall panels.

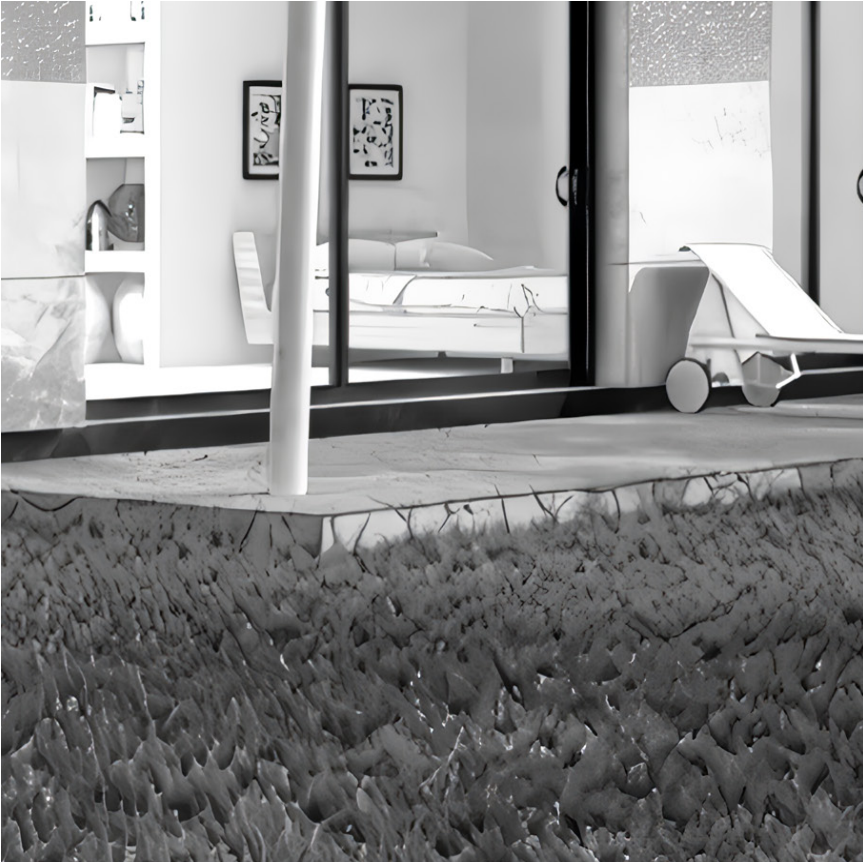


Catalogue 2023 - New Collection

Think Concrete | Think Consent



Welcoming in a new world of possibilities.. merging durability with design & sustainability



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Introduction & Benefits



Single Bedroom House



2 Bedroom House



3 Bedroom House



Duplex TownHouses



Chalet Concepts

For more information, feel free to contact us and we will be more than happy to help.

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A NEW APPROACH TO ARCHITECTURE..

The Eco House system incorporates the highest levels of design, construction, operation and maintenance.

All components of the system are addressed to consider cost effectiveness, particularly life-cycle costs, sustainability, security, safety, accessibility and aesthetics.

External wall panels are composed of two wythes of concrete separated by a continuous (edge-to-edge) wythe of insulation. The system provides a versatile and economical means to meet the structural, thermal, moisture and architectural requirements of a structure.



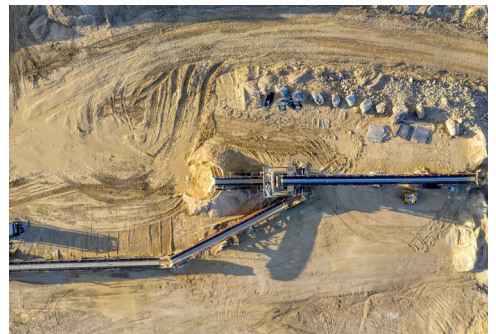
System Advantages

- Design flexibility
- Wide range of aesthetic options
- Fast & economical to build
- Edge to edge insulation
- Energy efficient & durable
- Resistant to wind load & seismic effects
- Resistant to flood & fire
- Low future maintenance costs
- Designed to ACI 318-14
- Complies with DM standards

Economical & Sustainable

Environmentally friendly housing

At Consent we take pride in doing the best we can for the environment. Over the years we have refined and re-defined our manufacturing process in order to reduce our power consumption, waste by-products and CO₂ emissions. In addition to being relatively quick to manufacture & construct, all components for the Eco House (from the raw materials to finishing touches) are locally sourced, helping out local companies while reducing carbon emissions from international shipping.

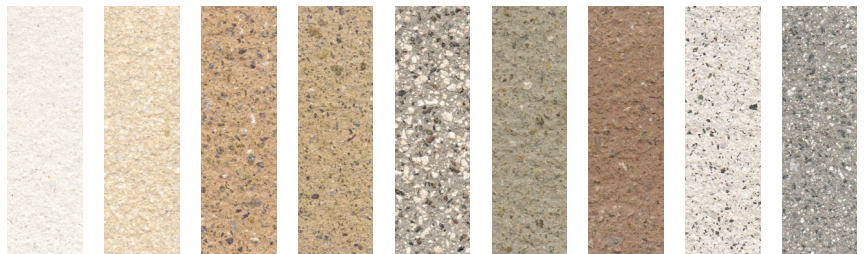


Your Design, Implemented

Endless custom variations possible

(These are just a sample of colours available)

These Eco Houses can be built to project size requirements, ranging from a simple studio cabin to a 3 bedroom villa and more. The exterior façade can also be customised to the preferred design style and in any colour from our extensive colour guide range.



Original design



1 BEDROOM

As a single bedroom villa, the layout of the space can be maximised according to preference. In this example, the villa is in a uniform square format but it can also be designed as a rectangle or as any shape required.

With an Arabic facade design





Layout Concept



Bird's Eye View

Original design



2 BEDROOM

With more rooms comes added possibilities for layout potential. Main door placements can be adjusted to suit either a front or side entrance and all Eco House exterior facades can come in any colour or decorative finish.

With an Arabic facade design





Layout Concept



Bird's Eye View

Original design



3 BEDROOM

The three bedroom villa offers the most versatility for multiple layout combinations. Number of bathrooms can also be adjusted to make all rooms ensuite.

With an Arabic facade design

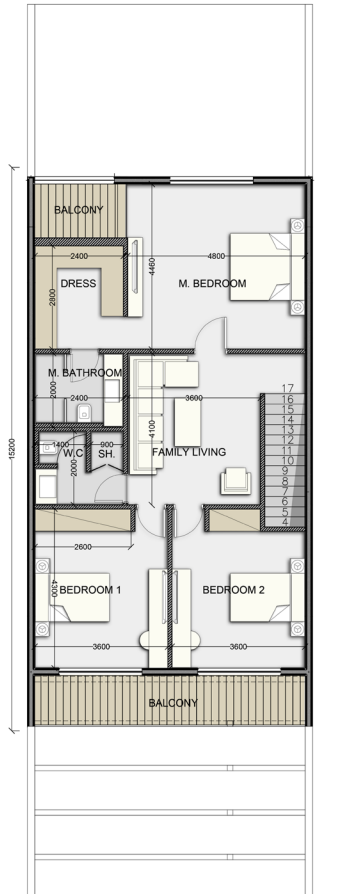
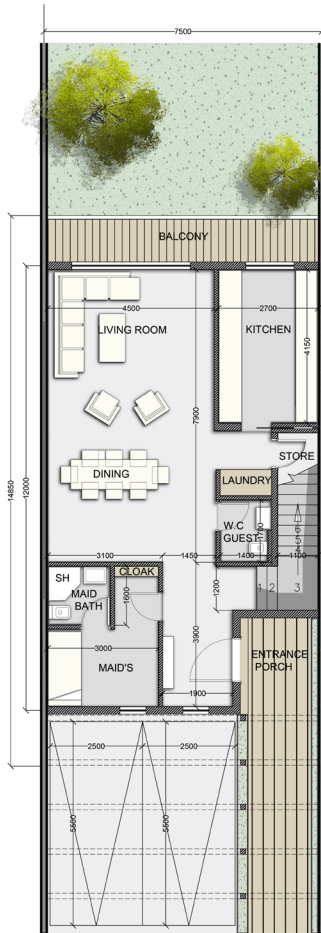




Layout Concept



Bird's Eye View



TOWNHOUSE

Duplex Floor Plan Layout Concept

For fast, economical yet also beautiful and durable townhouses, the Eco House is safe to be used to form a duplex compound. With natural soundproofing from the concrete sandwich panels & a fire resistant structure, these homes make great potential community living spaces.

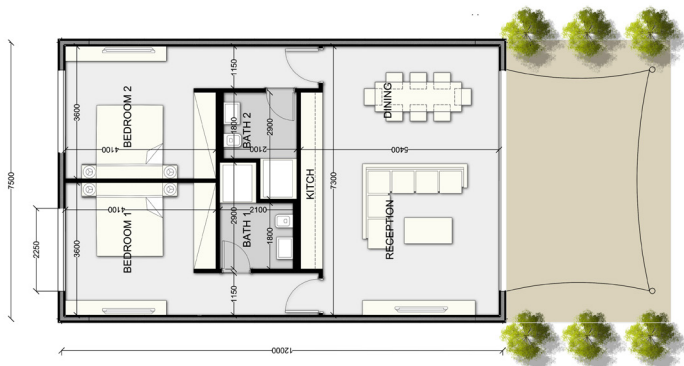
Duplex Design Example



Multifunctional & Adaptable

Whether nestled between rocky mountains or tucked away within a nature reserve, the multifunctional use of the Eco House means that they can also be turned into stunning chalets for hotels, desert resorts, adventure hubs & much more. Contact us to discover the endless possibilities and configurations for your project.





HOTEL CHALET

Floor Plan Layout Concept

These stand alone chalet concepts can be configured to come in any bedroom quantity requirement. In this example, the chalet is equipped with 2 ensuite bedrooms, a large dining and living area as well as a spacious kitchenette.



CONTACT US

For any questions or further enquiries, feel free to contact us or make an appointment to see our Eco House mockup live at our factory show garden. We look forward to hearing from you!

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