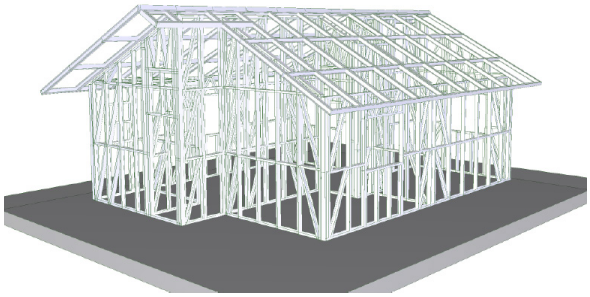
FRAMECAD®
Improving Lives Now

Affordable Housing

Tendering for affordable social housing projects but worried about the strict timelines and tight margins?

The Smarter Steel Frame Business Solution

Quickly manufacture and erect, reliable and highly repeatable low cost houses



FRAMECAD Detailer - Design to specification

FRAMECAD F300i - Manufacture frames faster

Easy to use FRAMECAD system - Reduce labour costs

FRAMECAD Building Products - Ensuring a quality finish

With the revolutionary FRAMECAD steel framing solution, we can help your business maximise its cashflow by increasing production rates and lowering your total cost of build.

FRAMECAD's total solution integrates intuitive engineering software with reliable, steel frame manufacturing machines. Complimented by an efficient building products supply chain, your company can be manufacturing sustainable, low cost houses faster than ever before.

As part of the total solution, a wide range of training and consulting services are also available to assist companies with their adoption of the FRAMECAD system. By minimising downtime and upskilling managers and operators, companies can implement the FRAMECAD system and be reaching optimal production rates in no time.

Committed to the success of our customers' businesses, FRAMECAD work hard to ensure our customers can also:

Win additional local and international contracts. The FRAMECAD Software incorporates light gauge steel building codes from around the world and will output calculations as required for environmental considerations such as seismic, cyclonic, fire, wind loads, etc.

Increase margins by manufacturing frames up to 30% faster than traditional building methods. Just one machine can produce all the frames for your walls, floors and trusses so though it may seem cheaper to use traditional materials, if it takes three times longer to complete the build, you may be wasting money and missing out on profit.

Reduce labour costs. The FRAMECAD automated system simplifies the assembly process so that even low cost, unskilled labour can assemble frames. Assembly errors are also minimised as fastener holes are prepunched and label references are printed on each steel member.

Maximise resources by choosing the most appropriate building methodology for your housing projects (build-on-site, modular, prefab or transportable) while still reducing transport costs due to the light weight nature of steel.

Ensure a quality finish and avoid late project penalties by using FRAMECAD's easy to install, finishing products that are supported by an experienced building product supply chain.

Using FRAMECAD's total solution you can ensure your affordable housing projects will be consistent & accurate, reliable & highly repeatable. With these considerations in mind, FRAMECAD have also developed an economical low cost house solution showing how affordable houses can be easily achieved using the FRAMECAD system.

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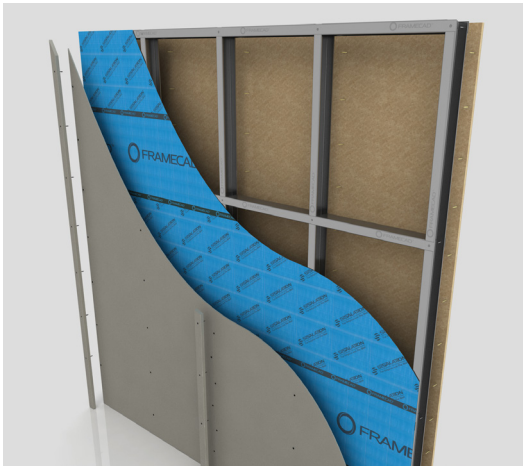
FRAMECAD Low Cost House Solution

The FRAMECAD Low Cost House Solution demonstrates that steel framed houses can be optimized and engineered to be a cost-competitive, functional and durable building solution. Sourcing unique products from around the world, combined with years of practical building experience, the end solution is a housing system which is unparalleled when it comes to speed and simplicity of construction. To find out how your business can benefit from the FRAMECAD Low Cost House Solution model, contact your regional FRAMECAD office.

FRAMECAD 40sqm Low Cost House Solution



FRAMECAD Low Cost House Wall System

FRAMECAD 40sqm, 2 bedroom Low Cost House Floor Plan

Low Cost House Wall System & Fasteners

PRODUCTS		
1	Exterior Cladding	FRAMECAD 9mm Fibre Cement Board with 50mm External Battens
2	Building Wrap	FRAMECAD Sisalation Tuffstuff Radiant Heat Barrier
3	Framing	FRAMECAD 89 x 41mm Steel Stud - 0.75mm Z275 G550
5	Internal Lining	FRAMECAD Magnesium Board

PERFORMANCE

Performance data for this wall system is available on request, including:

- Speed of construction
- Impact resistance
- Weight of total system
- Thermal insulation rating
- Fire rating
- Acoustic insulation rating

FRAMECAD X-Drive® Fastener Range

10g X-Drive® Steel Framing Screw

FRAMECAD have developed a range of FRAMECAD X-Drive® precision fasteners specifically designed to combine the unique benefits of the X-Drive® recess such as improved stability, control and torque with the high performance and quality of the fastener. This makes the X-Drive® range easier to drive, reduces wear on driver bits as well as lessening the physical force required from assemblers. This results in your team assembling and erecting frames faster and easier. Contact FRAMECAD for more information on our full range of FRAMECAD X-Drive® framing and cladding fasteners.

Examples of affordable housing projects using the FRAMECAD System

MIDDLE EAST - 46sqm Social Housing Project

MIDDLE EAST - Double Storey Low Cost Housing

BRAZIL - 40sqm Low Cost House

AFRICA - Single Storey Low Cost House

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