



FRAMECAD™
BUILDING PRODUCTS



Innovation Integration Sustainability

www.framecad.com



FRAMECAD Building Products is a leader in supplying building materials to customers all over the globe.

FRAMECAD Building Products operate a world class supply chain that is reliable, dependable and customer focused. With over 20 years experience, we maintain close liaison with senior management, distributors, project and purchasing managers and the markets to provide a competitive edge in business development.

FRAMECAD Building Products specialises in developing and supplying materials for rapid construction steel framed buildings. We work with our sister company FRAMECAD Solutions, to produce the world's most advanced end-to-end steel frame building system.

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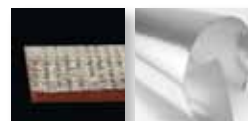
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FRAMECAD™
STEEL

When world steel demand is high, supply can be a real issue.

FRAMECAD Building Products has built strong long-term relationships with a range of steel mills around the world, which means a dependable supply of steel at competitive prices, year after year. All of these mills have been selected to ensure they meet our specific requirements for high quality product, packaging and supply performance.

Our Customer Promise

FRAMECAD Building Products is able to source slit coil steel to the correct specifications. Sourcing your steel through FRAMECAD Building Products ensures not only the optimal performance of the machinery, but also ensures that the steel framing is produced to the correct quality and performance specifications. FRAMECAD Building Products can recommend the most cost effective grade of steel for your projects, and maximize the yield from your steel coils.

FRAMECAD Building Products has excellent relationships with a range of steel mills around the world, which means a dependable supply of steel at competitive prices. All of these mills have been selected to ensure they can supply to our specific requirements. We are able to source material in a range of thicknesses and coatings.



Specialty Steel Products

- Flat products - Galvalume, Zinalume, Galvfan, ZAM, Electro-glavanised, Galvanised, Stainless Steel, and Aluminium can be supplied in master coils or slit to any width
- Galvanized hollow sections (tubes, pipes, RHS and SHS)
- Wire products
- Deformed bar
- Wire rod coils
- Structural steel – angles, channels, beams, and flat bars
- Pre-painted coils can be supplied on any of the above base materials, single or double sided colour. Paint systems in Polyester, Silicon Polyester or PVDF available. Coil widths up to maximum 1219 mm and material thickness from 0.35 to 1.2mm can be painted





FRAMECAD Building Products offers a complete range of quality fasteners and associated light gauge steel framing tools as part of the FRAMECAD building system.

Choosing the correct fastener system is critical for not only ensuring the structural integrity of the building, but is also critical for building rapidly and profitably. FRAMECAD Building Products offers a complete range of screw fasteners, pneumatic pin fasteners, and all the associated tools to get the job done right.

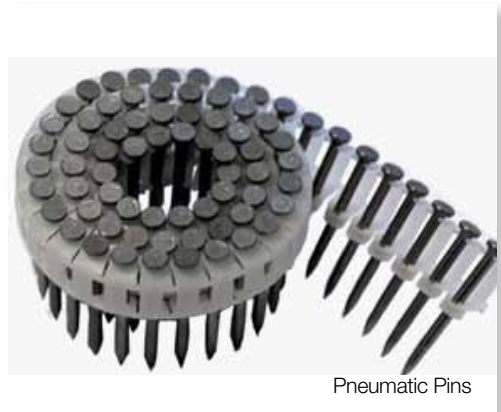


Screw Fasteners

Screw Fasteners

FRAMECAD Building Products has worked closely with strategic suppliers to develop a complete range of specialist screws specifically for light gauge steel construction. The range includes screw fasteners for steel frame wall panel & truss assembly, exterior cladding, roofing, interior lining, flooring and other applications.

FRAMECAD fasteners are complimented by a range of quality fastening tools recommended for use with light gauge steel framing which enables your team to get the job done quickly and efficiently the first time around.



Pneumatic Pins

Pneumatic Pin Fasteners

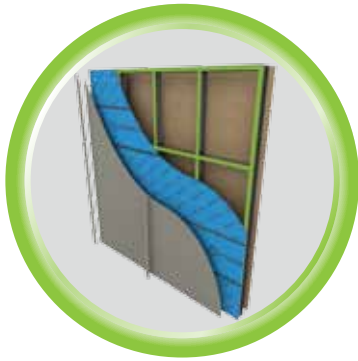
Pneumatically driven pins are the latest development in rapid construction. Specialised pins are available for fastening steel to steel upto 3mm thick, as well as fastening cladding, flooring and sheathing into light gauge steel framing. High pressure pins are also available for fastening into concrete. Pins can achieve similar performance values as screws, while being significantly faster to install, reducing the overall system cost.



Brackets

Brackets and Connectors:

FRAMECAD Building Products offers a complete range of brackets and connectors that have been tested and approved for use in the most stringent markets. Because brackets form a critical link in the structural integrity of the overall building, it is essential to use brackets with known engineering values, and that are produced in quality assured manufacturing facilities. The FRAMECAD Building Products range of brackets and connectors includes anchors, hold-downs, multigrips, joist hangers, strap bracing, seismic and hurricane ties.



FRAMECAD Building Products offers an extensive range of quality exterior cladding and interior lining products as part of the complete FRAMECAD rapid building solution.

Whether building high end villas, townhouses, affordable housing or worker accomodation, FRAMECAD Building Products has the right type of cladding.

FRAMECAD Prefinished Cladding

To maximize speed of total building construction, FRAMECAD Building Products offers a complete range of pre-finished cladding. This reduces construction time on the building site, while delivering factory standard of finish quality. Using superior manufacturing technology to extrude, press, and then paint the cladding, the end product is precise, consistent, and very strong. This is combined with a unique fixing system to deliver walls that are incredibly fast to install and offer outstanding durability over the life time of the building. The FRAMECAD range of prefinished cladding is available in many styles, including brick, stone, and timber siding.



FRAMECAD Render System

The FRAMECAD render system gives the appearance and durability of a traditional solid wall, but with all the benefits of FRAMECAD building technology. The FRAMECAD render system offers superior thermal and acoustic insulation than traditional solid walls, while being significantly lighter and thinner overall. The render system can be customized to deliver the required performance and finished look that is desired, while also delivering outstanding weather and impact resistance.



FRAMECAD Sandwich Panels

FRAMECAD Sandwich panels have a light weight foam core, and durable painted metal exterior layer, which is available in a range of colours and textures, including brick and stone. The foam core provides effective thermal and acoustic insulation. The light weight of the panels make installation easy, and is perfectly suited to seismic areas or portable building applications. The concealed fixing system, and full range of colour matched jointing accessories allow quick installation.





Plaster finish on FRAMECAD Fibre Cement Cladding

FRAMECAD Fibre Cement

The versatility of fibre cement makes it an excellent choice for both exterior cladding and interior lining applications. FRAMECAD fibre cement is resistant to damage from moisture and rotting when installed and maintained correctly. It is also non-combustible, and be used to achieve fire rated wall and floor systems. FRAMECAD fibre cement also has a low environmental impact. The raw materials are low in toxicity and is 100% asbestos free.

The FRAMECAD range includes:

- FRAMECAD Standard Fibre Cement Board - General cladding & lining applications
- FRAMECAD Heavy Duty Fibre Cement Board - for high wear or flooring applications
- FRAMECAD Villaboard - high quality interior applications
- FRAMECAD Monotek - backing to exterior plaster finishes
- Pre-primed Fibre Cement Weatherboards - range of styles & sizes



FRAMECAD - Fibre Cement Lining



FRAMECAD Weatherboard - Linea

FRAMECAD Plywood & Hardboard

Light weight, yet incredibly strong and stable, FRAMECAD Plywood can be used for flooring, walls, and other general construction purposes. FRAMECAD Plywood is available in a variety of grades, sizes and finishes, and also available with film facing for concrete formwork, or with a grooved face to give external cladding a unique look. FRAMECAD also offers a range of Hardboard for interior lining and general construction.



FRAMECAD Gypsum (Plasterboard)

Gypsum, also commonly known as Plasterboard or drywall, is the most common type of interior lining because it is versatile and economical. FRAMECAD Gypsum meets international standards, and is available in standard, moisture resistant, and fire resistant grades, along with a full range of accessories, fasteners and jointing compounds to complete the wall or ceiling system. FRAMECAD Gypsum is lightweight, easy to cut and install, and can even be used to create curved walls.



FRAMECAD Magnesium Board

FRAMECAD magnesium board achieves superior fire ratings, with 1, 2 and 3 hour fire rated wall systems possible. 2 hour fire rated floor systems are also now possible using a single layer of FRAMECAD magnesium board, making it one of the most economical fire rated floor systems available. Magnesium board is also light weight, strong, and durable. These properties make installation easier and faster, and reduce ongoing maintenance. Manufactured from inert magnesium ore, FRAMECAD magnesium board contains no VOC, asbestos or formaldehyde.



FRAMECAD Ceiling Tiles

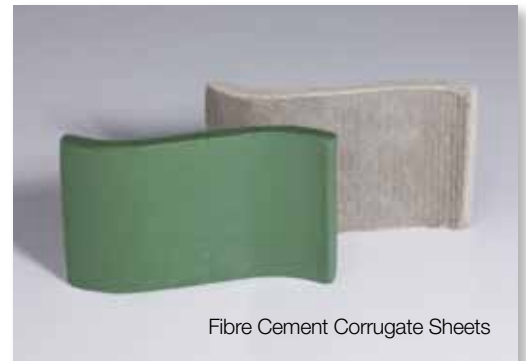
Our range of ceiling tiles includes PVC faced gypsum tiles, Mineral Fibre tiles and Fibre Cement tiles, along with the metal grid suspension system. Available in a range of sizes and thicknesses, each product offers a different mix of weight, fire and smoke spread resistance, and sound insulation.





FRAMECAD Fibre Cement Corrugate Sheets

Using fibre cement reinforced with high impact polymer weave, FRAMECAD corrugate roofing is durable and economical. Available pre-painted in a choice of 3 colours, and a variety of sheet sizes, FRAMECAD corrugate roofing can be optimized for most housing designs, and is very quick to install. The fibre cement core is not only moisture resistant and non-combustible, but has outstanding impact resistance due to its polymer weave reinforcing. The fibre cement also offers improved thermal and acoustic insulation, and is perfect for low cost housing and industrial buildings.



Fibre Cement Corrugate Sheets

FRAMECAD Fibre Cement Tiles

FRAMECAD fibre cement tiles combine the beauty of traditional tiles, with all the benefits of modern technology to deliver a high performance roofing material. FRAMECAD fibre cement tiles are precise, consistent, and very durable. Suitable for both hot and cold climates, the fibre cement core provides thermal and acoustic insulation, good weathering, and is perfectly suited for use with light weight steel roofing systems. Available in 6 colours, and with a full range of accessories and jointers, FRAMECAD fibre cement tiles are quick to install and require little maintenance.



Fibre Cement Tiles

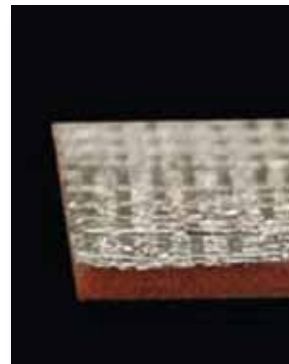


The FRAMECAD Building Products range of insulation products can be used to improve the thermal and acoustic performance of your FRAMECAD building.

Whether your building climate is hot or cold, wet or dry, FRAMECAD Building Products can provide the correct type of insulation product to conserve energy and make your building as quiet and comfortable as possible.

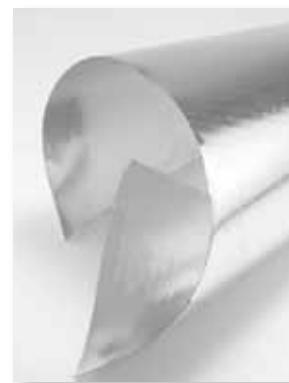
FRAMECAD Insulbreak

Combining 3 products in 1 – radiant barrier insulation, vapour barrier and thermal break – FRAMECAD Insulbreak is specifically designed for steel framed construction in hot climates. Insulbreak is faster to install than traditional insulation, and offers greater durability over the lifetime of the building. The unique cellular core of Insulbreak provides an effective thermal break between the hot outside cladding or roofing and the cool building interior, reducing thermal conduction through the steel frame.



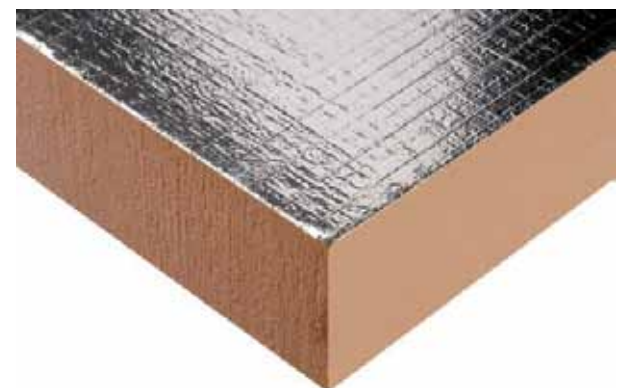
FRAMECAD Radiant Heat Barriers

FRAMECAD radiant heat barriers are the perfect solution to prevent heat buildup in tropical and hot climates. Using pure aluminium foil, high quality fibre glass reinforcement, and flame retardant adhesive, FRAMECAD radiant barrier offers outstanding performance and durability for many years. Suitable for metal and tile roofs they can also be used as a vapour barrier, to prevent moisture and condensation build up.



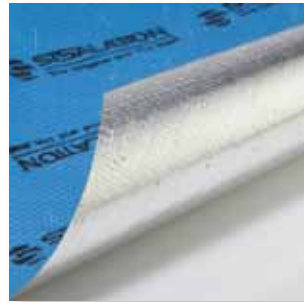
FRAMECAD Rigid Foam Panels

Rigid foam insulation is ideal for very hot or very cold climates. Because it is suitable for use on the exterior side of metal framing, the thermal insulation of the wall is not limited by the depth of the stud. Fitting the rigid foam panel on the exterior makes installation faster, with no need to cut around studs and bracing, and this also eliminates thermal bridging. Available in thicknesses up to 100mm, FRAMECAD rigid foam insulation can be used to achieve wall systems with thermal conductivity (U Value) as low as 0.22w/m²K. The phenolic foam has a low risk fire rating, and the foil face of the panel is an effective moisture barrier.



FRAMECAD Building Wrap

Designed for use in roofs or external walls, FRAMECAD building wrap is strong, lightweight, and breathable, to provide the ultimate in moisture and vapour control in your building.



FRAMECAD Glasswool

Suitable for mild or cold climates, FRAMECAD Glasswool is light weight and very easy to install in standard and complicated wall cavities. FRAMECAD glasswool is durable, and is non-combustible. Manufactured using up to 80% recycled glass, and available in a range of thicknesses, FRAMECAD Glasswool can be used in ceilings, walls and under floors to provide thermal and acoustic insulation.



FRAMECAD Vinyl Flooring

The complete range of FRAMECAD vinyl flooring covers almost any application you can think, from low cost housing to hospitals. FRAMECAD PVC flooring is available in variety of thicknesses and styles, or with an additional wear layer, to meet the even the heaviest traffic situations. Specialised foam backing is also available for applications such as sports floors and health clubs.

FRAMECAD Printed Vinyl Floorings

Available in a wide variety of styles and thicknesses, the printed flooring range is suitable for low cost housing and portacabins, through to commercial applications such as offices and hotels.



FRAMECAD Heterogenous Flooring

With realistic woodgrain patterns and texture, this range is perfectly suited to residential applications, such as villas and apartments, through to commercial applications such as retail shops and offices.



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For more information contact:

Auckland, New Zealand (Head Office)

FRAMECAD Solutions Ltd
Level 4, 149 Parnell Road, PO Box 1292
Auckland 1140, New Zealand

P +64 9 377 6640

F +64 9 307 7139

E info@framecad.com

www.framecad.com

Dubai, UAE

FRAMECAD Solutions (ME) FZ-LLC
Level 7, Suite 704, Al Thuraya Tower 1
Dubai Internet City
Dubai, United Arab Emirates

P +971 4 433 5675

F +971 4 429 0661

E info@framecad.com

www.framecad.com

Melbourne, Australia

FRAMECAD Solutions Australia Pty Ltd
Unit 1, 15-21 Huntingdale Road
Burwood, Victoria 3125

P 1300 FRMCAD (1300 376 223)

F +61 3 9830 6694

E info@framecad.com

www.framecad.com