



FRAMECAD™
CLADDING & LINING

Rapid Construction

Engineered for Speed, Durability & Performance

Innovation Integration Sustainability

www.framecad.com



FRAMECAD™

CLADDING & LINING

Rapid construction cladding and lining engineered for speed, durability, and performance. Designed to deliver the most advanced end-to-end steel frame building solution.

FRAMECAD offers an extensive range of quality cladding and lining as part of the complete FRAMECAD building solution. The FRAMECAD range has been developed with 3 key factors in mind – speed, durability & performance.

SPEED – All of our claddings and linings have been selected to optimise the speed and efficiency of the FRAMECAD building system. The products are specifically designed to be used as part of an integrated system alongside FRAMECAD Rapid Construction Hardware and in conjunction with light gauge steel framing.

DURABILITY – The FRAMECAD cladding and lining range has been designed for enduring performance in harsh building environments. All products have been carefully developed and selected to be low maintenance, fire resistant, moisture resistant, and dimensionally stable.

PERFORMANCE - All FRAMECAD claddings and linings have been tested to ensure they are compatible with our building system and meet internationally recognized manufacturing standards. All products have been tested for fire resistance and where appropriate wet area durability.

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

Core Products

Fibre Cement

The raw materials used to manufacture fibre cement are low in toxicity – wood pulp, cement, sand and water – meaning a reduced environmental impact. Fibre cement is resistant to damage from moisture and rotting when installed and maintained correctly. Fibre cement is non-combustible and resists flame spread. Fire ratings can be achieved using certain fibre cement cladding products. The versatility of fibre cement makes it an excellent choice for both exterior cladding and interior lining applications.



Magnesium Board

Manufactured from inert magnesium ore, it contains no toxic substances. FRAMECAD magnesium board offers several advantages for many interior lining applications. Magnesium board achieves superior fire ratings and offers excellent thermal and acoustic insulation properties. Magnesium board is also light weight and strong, and durable. These properties make installation easier and faster, and reduce ongoing maintenance.



Triboard

Triboard consists of an inner core of wood strands sandwiched between surface layers of medium density fibre, resulting in a unique engineered wood product. Its dimensional stability offers excellent bracing when combined with light gauge steel framing, offering a reduced overall system cost. Because the sheets come in sizes up to 4200mm long, fewer joints are required, resulting in less finishing labour. The high quality MDF surface finish requires less preparation before finishing, giving a superior finish in less time. It comes in several variants which offer excellent termite or moisture resistance, and can also be used to achieve fire ratings.



Building Solutions

FRAMECAD is the building solution of choice for a variety of residential (both high and low rise), commercial, and infrastructure applications (including schools, hospitals, and military facilities).

Three core building end user applications have focused FRAMECAD's product development culminating in FRAMECAD offering building envelope solutions designed specifically for high end villas, large worker accommodation developments, and low cost housing.

The FRAMECAD range of Cladding, Lining, and Flooring products are core to these solutions. With a proprietary range of complementary building materials developed specifically to meet the needs of complete integrated building products system alongside light gauge steel.

Villas & Townhouses

Designed with the discerning client in mind, the FRAMECAD Villa represents a move towards opulent living. FRAMECAD offers a range of solid reliable, quality materials sourced from around the world to deliver a housing solution of enduring elegance. Each of the products in the range has been selected for their speed, durability, and performance along with their ability to deliver their occupants the ultimate in fashionable design solutions.



Worker Accommodation

Created to withstand harsh climates, FRAMECAD has developed Worker Accommodation solutions that can be constructed rapidly and efficiently. Designed in conjunction with the latest building standards, materials have been selected to deliver both outstanding fire ratings and excellent durability.



Low Cost Housing

The FRAMECAD Low Cost Housing solution has been painstakingly engineered to be cost competitive without compromising on functionality or durability. Sourcing unique products from around the world, combined with years of practical experience, the end solution is a housing system which is unparalleled when it comes to speed and simplicity of construction.



Villa's - Cladding

When building a villa to endure the test of time, clients demand substrates that are durable, long lasting, and exudes quality.

Monotek

Monotek® not only looks great, but it also gives complete peace of mind. Monotek® is a water-tight solution that will maintain the long-lasting good looks of a plaster finish.

Monotek® is the ideal substrate for not only a broad selection of colours, but also a great range of textured finishes. Used in conjunction with approved coating products, you can create virtually any plaster look you want, from a traditional stone-like finish, to a weathered look, to an elegant stucco finish.

The Monotek® incorporates an ultra-high water resistance technology which has been developed to ensure that the board is significantly more water resistant and more inherently stable.



Townhouse - Cladding

Modern Townhouses are designed to reflect the homeowners individual style, where modern graphic materials are demanded to set the design apart from the neighbours. FRAMECAD offers a range of designer weatherboards that can be used to create a unique individual design that works in with any environment.



Weatherboard – Fashion Range

The Fashion range of Weatherboards is available in a variety of embossed finishes. Each has its own individual characteristics that ensure the right look is created to suit the style of townhouses being constructed. Manufactured from 7.5mm fibre cement, the Fashion range is an excellent blend of style, durability and cost-effectiveness.



Weatherboard – Linea

Manufactured using ceramic low-density fibre cement technology, Linea weatherboard's inherent stability means that it can be painted in today's popular darker colours with no loss of product and paint life, making it particularly suitable for contemporary designs. The 16mm bevel-back weatherboard creates an extremely durable cladding surface that stays straight and strong. Because it comes pre-primed and with a full range of installation accessories, Linea can be installed and finished quickly and efficiently



Weatherboard - Linea

Villa's & Townhouses - Lining

The heart of the house is reflected in the quality materials used to line its walls. FRAMECAD offers a range of lining materials that are designed with beauty as well as durability in mind.



VillaBoard

VillaBoard Lining is a premium quality fibre cement smooth interior wall-lining. It can be painted, wallpapered, or tiled to create or compliment a wide range of design looks. Because it's moisture resistant it is particularly suitable for use in wet areas such as bathrooms and laundries. VillaBoard

Lining has recessed edges for flush jointing, creating a smooth, and continuous wall surface. Because it comes already coated with an enhanced primer, onsite finishing work is reduced. It can also be used to create seamless soffits.



HardiGlaze

HardiGlaze Lining will create a ceramic look on bathroom walls, laundries, or other wet areas. Rapid installation can be achieved with HardiGlaze lining because of convenient sheet sizes and the fact that it does not require a backing substrate. The hard-wearing high-gloss polyurethane coating provides a low maintenance, easy clean surface for the life of the product. HardiGlaze Lining can be used in shower recesses, laundries, bathrooms and kitchen splashbacks.



HardiPanel Flooring

Created from a high density compressed fibre cement sheet, HardiPanel is the ideal choice for structural flooring. Because it is extremely dense, HardiPanel is hardwearing and long lasting, and also insect resistant. It can be used in tiled wet, semi-wet and dry areas. HardiPanel Compressed Sheet can also help you achieve the desired look of tiled external decking using lightweight construction.



Worker Accommodation

FRAMECAD has developed a range of cladding, lining and flooring products which meet the demanding needs of Worker Accommodation.



Cladding & Lining

FRAMECAD Heavy Duty Fibre Cement sheets are versatile enough to be used as both cladding & lining options. Because fibre cement is fire resistant, it is the perfect choice to combine with light gauge steel framing to meet stringent fire safety requirements. The durability of fibre cement allows it stands the test of time. A variety of thicknesses up to 12mm are available, giving excellent impact resistance in high wear areas such as walkways and common areas in the building. Because sheets are available up to 3050mm long, the number of joins can be minimized, increasing the efficiency of the total building system.



FRAMECAD also offers Multipurpose Fibre Cement sheets as a cost effective option for cladding & lining. With a lower density than the Heavy Duty sheet, the sheets are easier to handle and install, while still offering excellent durability and performance.



FRAMECAD Magnesium Board is the preferred choice for flooring applications because of its unique blend of performance features – fire, mould and water resistance, as well as being lightweight and strong.



Flooring

FRAMECAD Magnesium Board does not develop smoke or allow flame spread, meaning floor systems are capable of achieving fire resistance ratings of 2 hours, or even greater. This is essential when designing and constructing multi storey buildings such as worker accommodation or apartment complexes. It also has excellent moisture resistance and will not support mould or fungal growth. Similarly the composition of FRAMECAD Magnesium board ensures each sheet is insect resistant.

In addition, FRAMECAD Magnesium Board is upto 25% lighter than fibre cement, while still displaying similar flexural and tensile strength. It is well suited to high wear applications, like flooring, due to its excellent wear resistance and high impact strength.



Low Cost Housing

Lining

FRAMCAD Triboard is a truly versatile product that comes in several variants, making it an excellent choice for use Low Cost housing projects. It can be used for interior wall and ceiling lining.



Because FRAMCAD Triboard comes in large sheets up to 4200mm long, fewer joints are required, resulting in less installation labour. It also delivers greater rigidity for the same weight when compared to other wood based boards, meaning that it can be used as a bracing element, further reducing the overall system cost.

FRAMCAD Triboard passes the most stringent building standards. The assurance of superior screw holding ability over other commonly used wall linings means screws will not loosen over time, giving a lasting performance. The stability of the strand core makes Triboard an extremely durable lining, able to withstand high impact and wear and tear. The smooth MDF finish offers a grade 5+ paint finish capability, which means that it can be finished faster than most other types of lining products. FRAMCAD TriBoard is also available in a Termite Treated option.

FRAMCAD TriBoard is harvested from FSC approved forests, meaning that environmental impact is reduced.



Cladding

Strandboard has long been a popular choice because of its combination of relative light weight, high strength, and its ease of use. FRAMECAD Strandboard is a unique moisture resistant product manufactured using sustainable plantation grown Radiata pine, a highly durable formaldehyde free resin, wax and organic preservative chemicals. This gives FRAMECAD excellent strength and durability while still meeting E Zero formaldehyde emission standards.

The unique formulation of FRAMECAD Strandboard also prohibits any type of fungal growth or insect attack, allowing it to perform in even the harshest building environments.

FRAMECAD Strandboard can also be used for flooring applications, especially in wet areas where moisture resistance is critical.

FRAMECAD Multipurpose Fibre Cement board is very cost effective choice for Low Cost Housing applications, especially where higher levels of fire resistance are required. Available in a variety of thicknesses and sheet sizes, the right type of FRAMECAD Multipurpose Fibre Cement board can be chosen to optimize the speed of building construction, while delivering long term performance and durability over the life of the building.

FRAMECAD corrugated iron is renowned for being durable, versatile and economical. Its strength and relative light weight have made it a universally accepted cladding solution, especially for building projects in remote locations. FRAMECAD corrugated iron is produced to the highest manufacturing standards to ensure that cladding joints are consistent and weather-tight.

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