



opt2act™ for a better future

The Siniat Opt-in Carbon Neutral Program



Disclaimer

Products manufactured and systems designed by Etex Australia Pty Ltd and branded Siniat, are produced in accordance with the Building Code of Australia and relevant Australian Standards. Information in this document is to be used as a guide only and is subject to project approval as many aspects of construction are not comprehensively covered. It is also the responsibility of the project to determine if our products and systems are suitable for the intended application and they meet the relevant building code and project requirements. Etex Australia Pty Ltd will not be held responsible for any claims resulting from the installation of its products or other associated products not in accordance with the recommendations of the manufacturer's technical literature or relevant Australian Standards, or for situations not covered by our certification reports.

Siniat technical information is regularly updated. To ensure this document is current with the latest information, visit:

www.siniat.com.au

or contact Siniat's Customer Service Centre on

1300 724 505

Warranty

Siniat products are covered by a 10 Year Warranty.

Visit

www.siniat.com.au/warranty

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about us

Siniat is one of the Etex Group's flagship commercial brands, and one of the leading global manufacturers of interior and exterior materials for drywall construction.

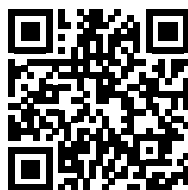
In Australia, Siniat products are manufactured by Etex Australia in facilities located in Sydney, Melbourne, Bundaberg and Brisbane. Etex supplies Siniat branded plasterboard, compounds, cornice, steel profiles and associated products and systems to the Australian building industry through its national distribution network.

Siniat's comprehensive range of quality wall and ceiling lining products are developed with specific characteristics to enhance performance and provide fire, water, acoustic and decorative solutions to all construction projects.

The Siniat team is committed to providing excellent technical service and sales support to help with innovative solutions for your next project.

Discover more Siniat Technical Manuals

Discover more technical manuals by using your phone's camera on the QR code.



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The background of the entire page is a silhouette of construction workers on a building site. One worker is on the left, another on the right, and a third is at the bottom. They are working on a structure with scaffolding. A large, curved panel is being lowered into place by a crane. The sky is a mix of blue, purple, and orange, suggesting a sunset or sunrise. The overall composition is dynamic and emphasizes the construction industry.

The time to act is now

There is enormous potential for all stakeholders in the construction industry to lead the way in developing more sustainable practices. It is true that the construction, maintenance and demolition of buildings have a significant impact on the environment and society, but buildings can also be a big part of the solution.

At Siniat we believe that collaboration between suppliers and manufacturers is key to minimising the impact on people and the environment. We see it as our role to assist all stakeholders to achieve their ever-tightening sustainability goals. That is why we developed the Siniat Carbon Neutral Program, certified by Climate Active.

Taking responsibility for our operational footprint is a pillar of the Siniat sustainability vision, and we have a commitment to third-party certification of our products and operations.

Sustainability is a holistic concept that also involves the social aspect, and at Siniat also consider the effects of our actions on the wider community, and embracing social change to allow people to provide for their social wellbeing. Our sustainability ambitions target areas such as health, safety & wellbeing, and diversity, equity & inclusion.

Our own efforts are backed by the vision of the Etex Group, whose "Road to Sustainability 2030" strategy sets clear ambitions for the next eight years across five priority areas: health, safety and wellbeing; customer engagement; diversity, equity, and inclusion; decarbonisation and circularity.

Let's be part of the solution. Let's opt2act together.



Our sustainability journey

Etex Australia, the manufacturers of Siniat plasterboard and metal systems, have been investing in ways to reduce our carbon footprint for well over a decade. During this time we improved our manufacturing processes to make them more energy efficient and reduce emissions, improve water conservation and improve existing recycling and waste management strategies.

When a key customer, Lendlease, approached us in 2015 to find ways to work together to reduce the carbon footprint associated with the supply and installation of plasterboard for the Barangaroo project in Sydney, it presented an exciting opportunity.

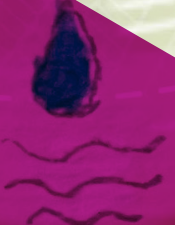
Lendlease, the developer for the Barangaroo project, was fully committed to a range of sustainability initiatives and one of their targets was a 20% reduction in embodied carbon (EC).

With internal plasterboard wall linings making up a significant proportion of the building materials, this presented an opportunity for Lendlease to reduce the total EC of the project.

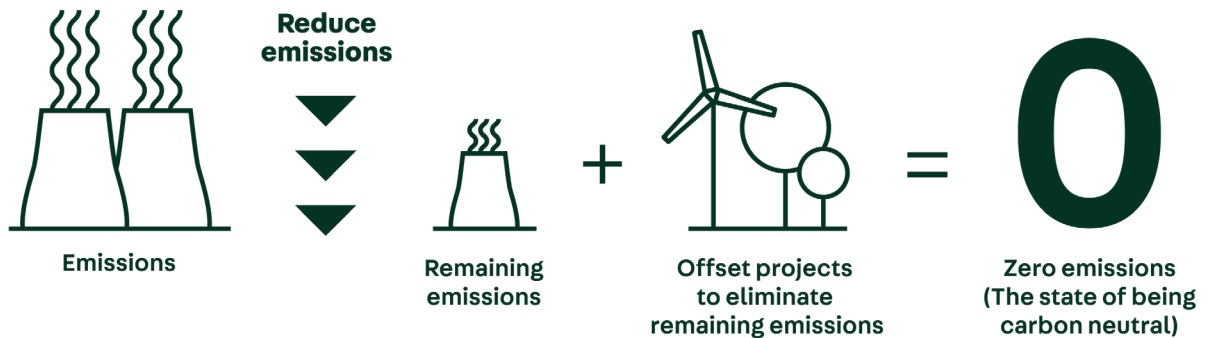
More recently Siniat partnered with Lendlease once again in the construction of the One Sydney Harbour project. (Read the case study on p14).

Top image: Barangaroo images courtesy of Lendlease

CO₂



What does it mean to be **carbon neutral**



Opt2act with our Carbon Neutral Opt-in Program

Carbon neutral status refers to the situation where zero carbon dioxide emissions are achieved, first by reducing carbon emissions during manufacturing and then offsetting emissions that cannot be eliminated further.

Carbon offset units are generated from activities that prevent, reduce or remove greenhouse gas emissions from being released into the atmosphere. When the offsets purchased by an organisation equal the emissions produced, they are carbon neutral.

Through the Siniat Carbon Neutral Opt-in program certified by Climate Active, we can enable our customers to choose to have carbon neutral products supplied to their projects. The product volume which is opted-in is then offset by investing in offset programs. As a Climate Active member, we use offsets that result in genuine emissions reduction.

Read more about our chosen offset programs on p 10.

We are still the only Australian manufacturer of plasterboard and metal systems to offer a carbon neutral program, certified by Climate Active.

Climate Active is the leading certification in Australia that confirms that a carbon neutral claim is based on best practice, international standards and represents emissions reduction. It is one of the most rigorous in the world.

The program is offered on a wide range of locally made Siniat plasterboard and metal products.

Top image: © 2019 Commonwealth of Australia, all rights reserved, available at www.climateactive.org.au



It's easy to opt-in

All architects, designers and specifiers need to do, is to specify Siniat carbon neutral products at the early design stage of a project.

Builders and contractors can specify carbon neutral products at the point of order, and Siniat will calculate the quantity of carbon neutral products supplied.

The offsets are purchased and retired in arrears for the opt-in program. Full reports are available on the **Climate Active website**, www.climateactive.org.au.

If you require more information or wish to discuss the unique requirements of your project, send email to opt2act@siniat.com.au.



Reducing emissions

An important part of the Siniat sustainability strategy and Climate Active certification is the reduction of emissions.

We are always looking for ways to make improvements to reduce emissions at all sites across Australia.

Some of our past successes include the completion of the state-of-the-art plasterboard facility in Bundaberg, where the latest energy efficient equipment was installed. At other plants heat exchangers were installed in dryers, waste heat recycling was implemented in platemills, lighting was changed to natural light or LED and water usage was optimised.

More recently we improved the energy efficiency of our gypsum storage and handling facility in Matraville, and we have made excellent progress with introducing renewable electricity into our plants, with a solar project installation commencing in our Altona facility.

our chosen offset projects

It is important for Siniat to support offset projects that are environmentally and socially beneficial.

Projects are selected that:

- Have a strong social responsibility aspect, such as improvements for communities and individuals
- Replace carbon intensive energy use with renewable energy sources
- Align with the UN Sustainable Development Goals prioritised by Etex

Currently we are supporting the following offset projects:

- 01 The Prony and Kafeate Wind Farms in New Caledonia
- 02 Jandra/Nulty Native Forest Regeneration Project in NSW



Prony and Kafeate Wind Farms in New Caledonia

Islands of the Pacific Ocean like New Caledonia face serious environmental and socioeconomic pressures that are exacerbated by climate change.

Pacific Island nations are already severely affected by extreme weather and climate variability, and their inhabitants are amongst the world's most vulnerable communities to the growing effects of climate change.

Yet in New Caledonia, 80 percent of energy demands are met by fossil fuel power plants. The Project Prony Wind Power involves six wind farms located at two different sites on the island of New Caledonia that supply electricity to the local grid. The Kafeate and Prony sites consist of 116 wind turbines with a total capacity of 31 MW, with an estimated yearly production of 40 GWh of emissions-free, renewable electricity.



2015

Jandra/Nulty Native Forest Regeneration Project in NSW

Jandra/Nulty is a working sheep and cattle station has been in the same family since 1870.

Vast areas of Australia, including Jandra/Nulty, are grazed by livestock and overrun with feral animals, such as goats and pigs. Livestock grazing is an important economic activity for rural Australia, but it can suppress forest growth. However, leaving land to regenerate means sacrificing agricultural production and hence income for the landholders.

The Human Induced Regeneration (HIR) method is currently being used in Jandra/Nulty to help restore the native forest. By allowing native forests to regenerate, HIR projects sequester carbon and generate carbon credits, creating alternate revenue streams that allow landholders to supplement lost agricultural productivity.



Global backing

The company behind the Siniat brand, the Etex Group, has in recent years laid a solid foundation to become a more sustainable organisation.

In 2020 the company became a signatory of the United Nations Global Compact (UNGC) for sustainable and responsible business practices. As a global citizen, Etex also committed to supporting the United Nations 17 Sustainable Development Goals (SDGs) by implementing concrete projects and initiatives.

In 2021 Etex published its first-ever Sustainability Report. In its most recent business sustainability assessment as a supplier in 2021, Etex received a silver medal from EcoVadis in recognition of its best-in-class sustainability management. The silver medal places Etex in the top 25% of all companies evaluated by EcoVadis. In 2021, Etex's Environmental, Social and Governance (ESG) risk exposure was rated 18.1 out of 100, indicating that the company has a low risk exposure and is ranked favourably amongst its peers in the top 10% of the construction industry.

Road to Sustainability 2030

Along with the publication of the Etex Group's latest Sustainability report, it has also announced its "Road to Sustainability 2030" strategy.

The Road to Sustainability 2030 sets clear ambitions for the next eight years across five priority areas: health, safety and well-being; customer engagement; diversity, equity, and inclusion; decarbonization and circularity.

1. **Health, safety and well-being:** the daily goal is to reach zero fatalities, injuries or burnouts;
2. **Customer engagement:** Etex aims to build a sustainable roadmap per product platform by 2025;
3. **Diversity, equity and inclusion:** by 2025, Etex will cover all teammates by diversity, equity and inclusion policies, procedures and practices. It will also train all teammates on diversity, equity and inclusion as well as close the gender pay gap;
4. **Decarbonisation:** the goal for 2030 is to reduce greenhouse gas emissions (intensity of Scopes 1 and 2) by 35% compared to 2018;
5. **Circularity:** By 2030, Etex will use more than 20% of circular input as raw material (compared to 2018), send zero waste to landfill, use 100% recycled packaging material and reduce plastic packaging with 20% (compared to 2018), offer a take back service of its product portfolio in 80% of its European countries, and dedicate 50% of its innovation resources to sustainability.

Responsible products, responsible manufacturing

Siniat's carbon neutral program is supported by other industry recognised and independent certifications to assure customers that using our products will help them to achieve their sustainability goals.



GreenRate Product Certification

A wide range of locally made Siniat plasterboard is also GreenRate Level A certified.

Within the GreenStar Responsible Products framework a combination of GreenRate Level A certified

products combined with Climate Active carbon neutral products provides an Exceptional Performance rating.

GreenStar is an internationally-recognised Australian sustainability rating and certification system that provides a framework for understanding and communicating the sustainability performance of a property, masterplan or building refit. Under GreenStar, which is managed by the GBCA, credits are available for buildings that reduce their lifecycle environmental impact, use products that are manufactured responsibly and reduce the embodied carbon in the building, with any remaining emissions offset today.

ISO Management Systems Certification for manufacturing operations

Etex Australia, the manufacturer of Siniat products, is proud to be the first in the gypsum industry in the country to have achieved a triple ISO certification for our manufacturing operations.

Our Altona, Matraville, Beenleigh and Bundaberg manufacturing and distribution facilities have been certified to ISO 9001 for quality management systems, ISO 14001 certification for environmental management systems and ISO 45001 certification for health & safety management systems.



Quality
ISO 9001



Environment
ISO 14001



OHS
ISO 45001



Case study: One Sydney Harbour





An iconic landmark

Siniat Australia once again proudly partnered with Lendlease for the exciting One Sydney Harbour project in the Barangaroo precinct in Sydney. Siniat provided the project with a Carbon Neutral certified product, assisting Lendlease to meet their sustainability goals for the project across all the three towers.

One Sydney Harbour is a skyscraper complex that will transform one of the world's most iconic harbours. Upon completion it will consist of three towers that will be 250 m (72 floors), 235 m (68 floors) and 107 m (30 floors) tall respectively and include a total of 849 apartments.

The buildings were designed by the well-known architect Renzo Piano, who also designed the Centre Georges Pompidou in Paris, The Shard in London and the Whitney Museum of American Art in New York City.

The project is committed to a 5 Star Green Star Design and As Built rating and will meet the requirements of the **Building Sustainability Index (BASIX)**.

In 2009, before construction of the precinct had begun, the NSW Government committed Barangaroo to the Climate Positive Development Program. Established under the Clinton Climate Initiative, the program later became part of C40 Cities. Barangaroo is one of only 19 projects around the world participating in the **C40 Cities Climate Positive Development Program**.

Being climate positive under the C40 program has four key requirements:

1. Reducing and then offsetting all the energy used on the site
2. Recycling and exporting more water than the drinking water that is imported
3. Responsible waste management, diversion from landfill and zero waste emissions
4. Delivering community wellbeing.

Siniat assisted Lendlease in achieving their sustainability targets for the project by supplying plasterboard and metal products under the Carbon Neutral Opt-In Program, certified under the Australian Government's **Climate Active Program**.

"We have expanded the program since the first stage of residential apartments at Barangaroo South, and it's been exciting to provide Lendlease with more opportunities to achieve their carbon neutral goals," said Kathryn Walker, Etex Regional EHS & Sustainability Manager (APAC).





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warranty

Siniat's products are guaranteed
by a comprehensive warranty.
For details visit siniat.com.au

customer service and
technical advice

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