



PUBLIC DISCLOSURE STATEMENT

ETEX AUSTRALIA PTY LTD

SINIAT METAL

PRODUCT CERTIFICATION


FY2020-21

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Etex Australia Pty Ltd
REPORTING PERIOD	Financial year 1 July 2020 – 30 June 2021 Arrears report
DECLARATION	<p><i>To the best of my knowledge, the information provided in this public disclosure statement is true and correct and meets the requirements of the Climate Active Carbon Neutral Standard.</i></p>  <p>Gavin Burton Managing Director 23rd February 2022</p>



Australian Government
**Department of Industry, Science,
Energy and Resources**

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Version September 2021. To be used for FY20/21 reporting onwards.



CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	52 tCO ₂ -e
THE OFFSETS BOUGHT	100% VERs stapled with ABUs
RENEWABLE ELECTRICITY	nil
TECHNICAL ASSESSMENT	Date: 2018/2019 Name: Dr Paul Adams Organisation: Carbon Intel Carbon Intelligence Pty Limited Next technical assessment due: 2021/2022

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1. CARBON NEUTRAL INFORMATION

Description of certification

Etex Australia's Climate Active certification covers an opt-in carbon neutral program for our Siniat plasterboard and metal product ranges, manufactured in Australia at our Melbourne (Altona), Sydney (Matraville), Bundaberg (Burnett Heads) and Brisbane (Beenleigh) plants.

The Siniat Metal Range certified includes Wall Framing Systems (Stud, Track, Track DH, Track, Flexible, Track Nogging), Acoustic Stud, Concealed Ceiling System, Beads and Finishing Sections, Clips and Accessories, and the InterHome H-stud.

Product description

Siniat Metal light weight framing systems are used within all types of residential and commercial construction, from homes through to offices, hospitals and schools. Stud and track is available in different profiles, lengths, and Base Metal Thicknesses (BMT), which are selected depending on project performance needs, and is sold in lineal metres (m).

The product certification includes:

- Wall Framing Systems (Stud, Track, Track DH, Track, Flexible, Track Nogging), Acoustic Stud, Concealed Ceiling System, Beads and Finishing Sections, Clips and Accessories, and the InterHome H-stud.
- The functional unit for Climate Active carbon opt-in program is kg CO₂-e per kg of Siniat metal product sold;
- It is an opt-in program;
- The certification is cradle to grave.

Siniat Metal products are manufactured on different product lines, to conform with product specifications. The products being certified are made out of BlueScope Zincolume®AM 150 steel (in G300 and G550 tensile strengths) BMT from 0.5 up to 1.15. BlueScope aluminium-zinc-magnesium metallic coated products are produced using a world-leading, patented coating technology delivering a better quality, longer lasting performance for ZINCALUME® AM150 steel. BlueScope products are known for their quality and reliability, which contribute to long life, durable buildings.

“Our Climate Active certification is a cornerstone of our sustainability vision: to put sustainability at the heart of everything we do. We support this vision by working towards a carbon neutral future, by being responsible for our operational footprint, and by respecting and caring for our teammates, our customers and our community.”

Read our Product Disclosure Summary for our certified plasterboard range [here](#)

Read about our products, their benefits and applications on our website siniat.com.au/

About the organisation

Siniat products are manufactured by Etex Australia, part of the global Etex Group. Etex Australia manufactures plasterboard, compounds and light weight metal systems in Australia and distributes products to the building industry through a franchise and distribution network. Our manufacturing plants operate under systems which are certified to ISO 14001 Environmental, ISO 45001 Health and Safety and ISO 9001 Quality Management Standards. A wide range of Siniat products are also GreenTag GreenRate Level A certified.

2.EMISSIONS BOUNDARY

Inside the emissions boundary

All emission sources listed in the emissions boundary are part of the carbon neutral claim.

Quantified emissions have been assessed as 'attributable processes' that become the product, make the product and carry the product through its life cycle. These have been quantified in the carbon inventory.

Non-quantified emissions have been assessed as attributable and are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. All material emissions are accounted for through an uplift factor. Further detail is available at Appendix C.

Outside the emissions boundary

Non-attributable emissions have been assessed as not attributable to a product or service. They can be **optionally included** in the emissions boundary and therefore have been offset, or they can be listed as outside of the emissions boundary (and are therefore not part of the carbon neutral claim). Further detail is available at Appendix D.

Inside emissions boundary

Quantified

Raw Materials production (Steel, Additives)

Manufacturing site operations (Electricity, Diesel, non-product waste, water)

Transport of product (Diesel) - to customer, and to disposal of installation waste and at end of life

Disposal of product waste from installation and end of life, including recycling and end of life recycling benefit

Excluded

Ancillary installation items such as screws

Use or in-service life

Building demolition and waste processing

Optionally included

Company travel

Outside emission boundary

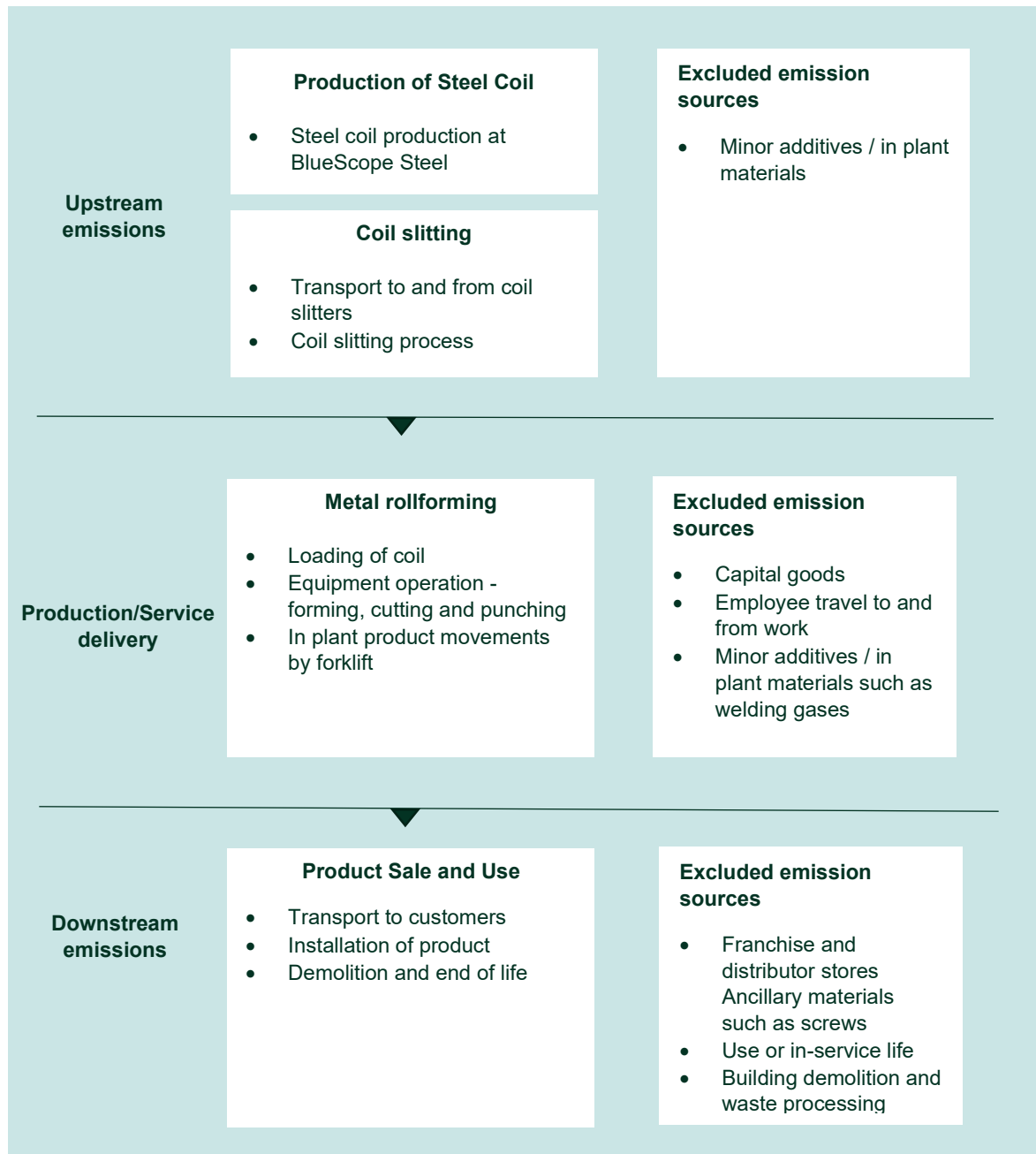
Non-attributable

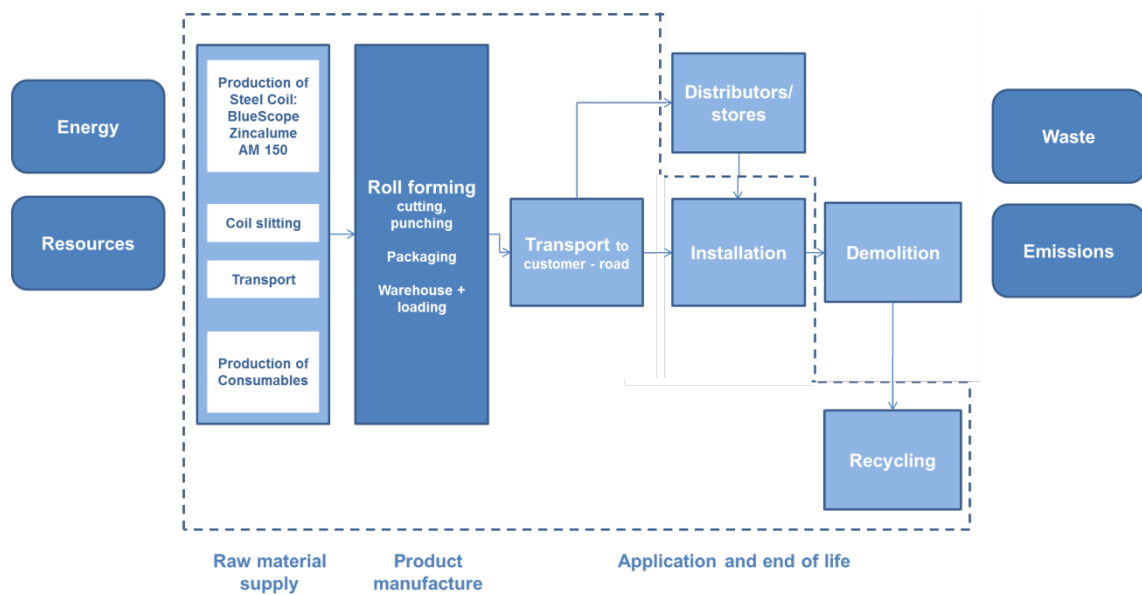
Operation of franchise and distributor stores

Capital goods

Employee travel to and from work

Product/service process diagram





Raw material supply

This includes the steel production at BlueScope Steel from raw and recycled materials, including the extraction of raw materials and transport to the steel manufacturing site. Also included are the production of consumables used in the Beenleigh Plant process, coil slitting, and the transport by road of coil steel to coil slitters and from coil slitters to Beenleigh Plant.

Product manufacturing

The manufacturing of the metal profiles starts with loading of metal coil to individual production lines, then forming, cutting and punching, stacking and packing of the products, and transfer into the warehouse. Grid electrical power is used to operate the production lines, and forklifts powered by diesel fuel move the coil and finished goods around the site.

Product use

Metal packs are then transported to the construction site by road transport (trucks). Metal products are mostly installed manually with use of power tools. Ancillary materials such as screws are not included within the system. The use or in-service life of the product is not covered, as the installed system is a passive building product, requiring little maintenance.

End of life

This phase includes the transport of the metal at end of life to either recycling.

Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Since the previous reporting period, the organisation has been acquired by [the Etex Group](#). As part of the business integration, a complete review of sustainability ambitions and targets has been underway in 2021.

The Etex Group

The multinational [Etex Group](#) strives to be an active partner in finding solutions, and in 2020 decided to prioritise four main areas for sustainability: Carbon neutrality; Health, safety and well-being; Waste management and circularity; Diversity and inclusion.

The global Etex Group supports the European Green Deal and its commitment to reaching net zero carbon impacts by 2050 at the latest through a reduction of energy consumption and a shift in energy sources and technologies on a global scale. This includes:

- Transitioning to renewable electricity for operations: a major step in energy management approach is the transition of electricity supply from non-renewable sources to certified renewable sources. This has been achieved in 100% of Etex's locations in Europe and Chile.
- Alternative solutions for thermal energy demands: selecting less carbon-intensive fuels, investigating the replacement of natural gas with biomass and solid residual fuel from internal waste.
- Continuous improvements in energy reduction and efficiencies: a dedicated Group Energy Working Group, which meets on a monthly basis. The group also assesses opportunities to change or optimise processes or equipment to reduce energy consumption and to allow the use of energy types with smaller environmental footprints.

For more information on the Etex Group's sustainability vision, refer to their recently published [Sustainability Report](#).

Etex Australia's emissions reductions strategy

Etex Australia, the manufacturer of [Siniat products in Australia](#), has taken a cradle-to-grave approach in formulating our emissions reduction strategy. Specifically:

- Taking further reduction actions on emissions within our operational control
- Developing strategies to leverage upstream and downstream emissions reduction potential.

Emissions within our operational control – production gate to gate

Of the activities under our operational control (or gate to gate), the most significant contribution to emissions from processes at the Beenleigh manufacturing plant is the use of electricity in the rollforming

stage. Emissions reductions actions planned until 2026 include:

- Transitioning to 100% renewable electricity sourcing by 2026 for all manufacturing and distribution sites; including installation of on-site solar commencing in Altona Plant in 2022

As the major energy source used on Beenleigh site is electricity, successful implementation of these projects would result in eliminating the majority of the carbon emissions associated with our metal rollforming operations, production gate to gate.

Emissions in our value chain – upstream and downstream

As we have taken a cradle to grave approach with our opt-in program, changes in our emissions from upstream and downstream can have a significant impact on our overall total carbon footprint. This includes changes in emissions factors from raw materials, changes in customer project locations changing the transportation distance mix, as well as changes in end-of-life outcomes for products.

For the Siniat Metal Range, in terms of the actual manufacturing process cradle to grave, the largest component of the carbon account is due to the manufacture of the steel. Carbon data has been provided by BlueScope within the Climate Active reporting, to account for the emissions related to the manufacture of steel, recycling and recycling credit at the end of life of the products.

Downstream, we continue to work with our customers to reduce emissions, as well as providing solutions that meet their sustainability ambitions and requirements such as under the GBCA GreenStar program:

- Provide solutions to our customers tailored specifically to their projects, dematerializing the amount of materials whilst still delivering the performance required
- As well as manufacturing in a range of product widths and lengths, we also manufacture product to special sizes to minimise the amount of product offcuts on construction sites.

Emissions reduction actions

For this reporting period, emissions reduction actions continued to focus on reducing scrap from our production process; which improves both our efficiency in raw material consumption, and energy efficiency specifically the intensity of electricity consumption. Overall, since the base year of reporting:

- The average % scrap waste from production has reduced by more than 10%
- The intensity of electricity consumption within the Beenleigh production operations has decreased by more than 20%.

Scope 3 emissions not related to product LCA

Emissions such as company travel or similar are traditionally considered as being outside the scope of a product LCA. However, we have either optionally included some of these within our emissions boundary, or have decided to take action on reducing these emissions.

- Company travel: travel has reduced due to COVID-19, however we already have a travel policy to

avoid company travel unless necessary. Where not possible we have committed to offsetting these emissions

- Company vehicles: fuel consumption by Siniat operated sales and distribution vehicles will also be offset, and over time the fleet replaced by renewably powered vehicles
- Siniat Retail and Distribution centres: Etex operates 7 distribution warehouses and retail stores across Australia. The electricity to operate these sites will be transitioned to renewable sources and until finalized, offsets will be purchased.

Refer to Appendix A for details of these offset purchases.

5.EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e	Emissions intensity of the functional unit tCO ₂ e
Base year & Year 1:	2014–15	No Opt-in during Base Year	0.00154
Year 2:	2015-16	No product purchased under the opt-in program	
Year 3:	2016-17		
Year 4:	2017-18		
Year 5:	2018-19		
Year 6:	2019-20		
Year 7:	2020-21	52	0.00147

Significant changes in emissions

In this reporting period, there was product sold under the opt-in program, therefore there is an emissions total in the above table compared with the previous reporting periods.

Use of Climate Active carbon neutral products and services

No Climate Active carbon neutral products/services used in this reporting period.

Product/Service emissions summary

Emission source category	tCO ₂ -e
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The following emissions source categories were included in determining the carbon footprint:

Steel (manufacturing), Transport of Steel from manufacture to rollforming, Electricity (steel slitting and rollforming), Diesel (forklift movements in rollforming and loading), Water, process additives, gases and lubricants, Timber and plastic packaging material, Waste to landfill (non-product, rollforming plant), Company

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travel, Diesel (Transport product all stages), Packaging waste to landfill, Product waste to landfill - gate to grave, Steel Recycling and credit for steel recycling*

* Displayed as total due to commercial sensitivity of category data.

Emissions intensity per functional unit (including any uplifts required)	0.00147
Number of functional units to be offset (certified)	34908
Total emissions to be offset (certified)	52

6. CARBON OFFSETS

Offsets strategy

Offset purchasing strategy: In arrears	
1. Total offsets previously forward purchased and banked for this report	0
2. Total emissions liability to offset for this report	52
3. Net offset balance for this reporting period	52
4. Total offsets to be forward purchased to offset the next reporting period	0
5. Total offsets required for this report	52

Co-benefits

As well as surrendering the remainder of credits in the LifeStraw Program in Kenya, Etex has selected two main projects this year to support under our offsets program, in alignment with our offsets strategy:

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

Mount Sandy Conservation (South Australia) (ABU) and Prony (New Caledonia) (VER Gold Standard) – offsets used for the Siniat Metal product purchased under the opt-in program

Mount Sandy brings together indigenous and non-indigenous communities of Australia by promoting traditional and management for biodiversity conservation. This project protects a rare pocket of wetlands and woodlands between the Coorong National Park and Mount Albert. As one of the last remaining areas of native vegetation in the region, the land forms a strategic wildlife corridor and is of great significance to the Ngarandjeri people, the local indigenous nation.

- SDG 13 Climate Action: Gold Standard carbon credits stapled to each Australian Biodiversity Unit
- SDG 10 Reduced inequalities: creating 5 local job opportunities from the local indigenous Raukkan community
- SDG 15 Life on land: 200 hectares of land protected from clearing and degradation, protection of native species of flora and fauna
- SDG 17 Partnerships for the goals: a partnership between indigenous and non-indigenous communities.

The stapled Gold Standard carbon credits are from the **Prony Wind Power project in New Caledonia**. Small nations like New Caledonia in the South Pacific are exposed to climate change with many already experiencing the impacts of rising tides and damaging storms. The Wind Farms use world-class technology to provide New Caledonia with sustainable energy to combat climate change, whilst also addressing social issues:

- SDG 7 Affordable and clean energy: 40,000 MWh generated annually, providing a clean alternative to fossil fuels
- SDG 8: 26 jobs created stabilizing incomes and boosting the local economy
- SDG 9: technological knowhow shared with the region and contributing to the development of New Caledonia's wind energy sector
- SDG 13: Climate action: 36,000 t CO₂e mitigated on average annually, directly contributing to climate change reduction.

Jandra/Nulty Native Forest Regeneration Australia (ACCU) – offsets used for the Siniat Plasterboard product purchased under the opt-in program

A project which restores native forests and sequesters carbon on degraded agricultural land; by excluding stock and managing pests under a Human-Induced Regeneration (HIR) method. Addresses 3 of the SDGs:

- SDG 8 Carbon credits: generated by the HIR method, creating alternative and additional revenue streams for regional communities
- SDG 13 Emissions reductions: carbon is sequestered in regenerated trees
- SDG 15 Improved land and water quality, and Increased biodiversity

Offsets summary

Proof of cancellation of offset units

Offsets cancelled for Climate Active Carbon Neutral Certification											
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Quantity (tCO ₂ -e)	Eligible Quantity (tCO ₂ -e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
Project - Mount Sandy Conservation Project (South Australia)	ABUs	ABU registry (Native Vegetation Credit Register)	12 October 2021	SERIAL NUMBERS 42425-43111	2018	687	0	0	0	0	0
Stapled to											
Prony and Kafeate wind-farms, New Caledonia (300344) (GS566)	VERs	Gold Standard Impact Registry	12 October 2021	GS1-1-NC-GS566-12-2018-19151-17608-18294	2018	687	52*	0	0	52	100%
Total offsets retired this report and used in this report										52	
Total offsets retired this report and banked for future reports									0		

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Verified Emissions Reductions (VERs)	52	100%

*Please note that 635 of the total 687 VER offsets are used in *Appendix A: Additional Information*.

Mount Sandy Conservation (South Australia) (ABU) Certificate of Retirement:



7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

The following RECs have been surrendered to reduce electricity emissions under the market-based reporting method.

1. Large-scale Generation certificates (LGCs)*	Nil
2. Other RECs	Nil

* LGCs in this table only include those surrendered voluntarily (including through PPA arrangements), and does not include those surrendered in relation to the LRET, GreenPower, and jurisdictional renewables.

Project supported by LGC purchase	Eligible units	Registry	Surrender date	Accreditation code (LGCs)	Certificate serial number	Generation year	Quantity (MWh)	Fuel source	Location
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
<i>Total LGCs surrendered this report and used in this report</i>							nil		

APPENDIX A: ADDITIONAL INFORMATION

Emissions such as company travel or similar are traditionally considered as being outside the scope of a product LCA. However, we have either optionally included some of these within our emissions boundary, or have decided to take action on reducing these emissions.

- Company travel: travel has reduced due to COVID-19, however we already have a travel policy to avoid company travel unless necessary. Where not possible we have committed to offsetting these emissions
- Company vehicles: fuel consumption by Siniat operated sales and distribution vehicles will also be offset, and over time the fleet replaced by renewably powered vehicles
- Siniat Retail and Distribution centres: Etex operates 7 distribution warehouses and retail stores across Australia. The electricity to operate these sites will be transitioned to renewable sources and until finalized, offsets will be purchased.

NB: This information is duplicated in the Public Disclosure Statement for Siniat Plasterboard: the total offsets tabled below covers the organisation's activities associated with Siniat Plasterboard and Metal.

Additional offsets cancelled for purposes other than Climate Active Carbon Neutral Certification							
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Eligible Quantity (tCO ₂ -e)	Purpose of cancellation
Mount Sandy Conservation Project (South Australia)	ABUs	ABU registry (Native Vegetation Credit Register)	12 October 2021	42425-43111	2018		Company direct activities which are within operational control; including corporate travel (flights), company managed vehicles (cars and delivery trucks), distribution warehouses activities (electricity and forklifts).
Stapled to Prony and Kafeate wind-farms, New Caledonia (300344) (GS566)	VERs	Gold Standard Impact Registry	12 October 2021	GS1-1-NC-GS566-12-2018-19151-17608-18294	2018	635	
Jandra/Nulty Regeneration Project	ACCUs	ANREU	14 October 2021	8,323,922,550-8,323,922,844 View here	2020-21	234	
Sustainable Deployment of the LifeStraw Family in rural Kenya (GS886)	VERs	Gold Standard Impact Registry	29 October 2021	GS1-1-KE-GS886-16-2013-3495-1146-1200	2013	55	

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a location approach.

Location-based method

The location-based method provides a picture of a business's electricity emissions in the context of its location, and the emissions intensity of the electricity grid it relies on. It reflects the average emissions intensity of the electricity grid in the location (State) in which energy consumption occurs. The location-based method does not allow for any claims of renewable electricity from grid-imported electricity usage.

Location-based approach summary

Location-based approach	Activity data (kWh)	Emissions (kgCO ₂ -e)
Grid electricity (scope 2 and 3)	922,210	857,655
Non-grid electricity (behind the meter)	0	0
Total electricity consumed	922,210	857,655
Emission footprint (tCO₂-e)	858	

Climate Active carbon neutral electricity summary

Carbon neutral electricity offset by Climate Active product	Activity data (kWh)	Emissions (kgCO ₂ -e)
nil	0	0

Climate Active carbon neutral electricity is not considered renewable electricity. The emissions have been offset by another Climate Active carbon neutral product certification.

Market-based approach summary (not used)

Market-based approach	Activity data (kWh)	Emissions (kgCO ₂ -e)	Renewable % of total
Behind the meter consumption of electricity generated	0	0	0%
Total non-grid electricity	0	0	0%
LGC purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	0	0	0%
Jurisdictional renewables (LGCs retired)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	174,528	0	19%
Residual electricity	747,682	802,323	0%
Total grid electricity	922,210	802,323	19%
Total electricity consumed (grid + non grid)	922,210	802,323	19%
Electricity renewables	174,528	0	
Residual electricity	747,682	802,323	
Exported on-site generated electricity	0	0	
Emission footprint (kgCO ₂ -e)		802,323	

Total renewables (grid and non-grid)	18.93%
Mandatory	18.93%
Voluntary	0.00%
Behind the meter	0.00%
Residual electricity emission footprint (tCO₂-e)	802

Figures may not sum due to rounding. Renewable percentage can be above 100%

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following sources emissions have been assessed as attributable, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. These emissions are accounted for through an uplift factor. They have been non-quantified due to one of the following reasons:

1. **Immaterial** <1% for individual items and no more than 5% collectively
2. **Cost effective** Quantification is not cost effective relative to the size of the emission but uplift applied.
3. **Data unavailable** Data is unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.
4. **Maintenance** Initial emissions non-quantified but repairs and replacements quantified.

Relevant-non-quantified emission sources	(1) Immaterial	(2) Cost effective (but uplift applied)	(3) Data unavailable (but uplift applied & data plan in place)	(4) Maintenance
n/a				

Excluded emission sources

Attributable emissions sources can be excluded from the carbon inventory, but still considered as part of the emissions boundary if they meet **all three of the below criteria**. An uplift factor may not necessarily be applied.

1. A data gap exists because primary or secondary data cannot be collected (**no actual data**).
2. Extrapolated and proxy data cannot be determined to fill the data gap (**no projected data**).
3. An estimation determines the emissions from the process to be **immaterial**.

	No actual data	No projected data	Immaterial
Ancillary installation items such as screws	Yes	Yes	Yes
Use or in-service life	Yes	Yes	Yes
Building demolition and waste processing	Yes	Yes	Yes

APPENDIX D: OUTSIDE EMISSION BOUNDARY

Non-attributable emissions have been assessed as not attributable to a product or service (do not carry, make or become the product/service) and are therefore not part of the carbon neutral claim. To be deemed attributable, an emission must meet two of the five relevance criteria. Emissions which only meet one condition of the relevance test can be assessed as non-attributable and therefore are outside the carbon neutral claim. Non-attributable emissions are detailed below.

Relevance test					
Non-attributable emission	<i>The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions</i>	<i>The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.</i>	<i>Key stakeholders deem the emissions from a particular source are relevant.</i>	<i>The responsible entity has the potential to influence the reduction of emissions from a particular source.</i>	<i>The emissions are from outsourced activities previously undertaken within the organisation's boundary, or from outsourced activities typically undertaken within the boundary for comparable organisations.</i>
Operation of Franchise and Distributor stores	No	No	No	No	No
Capital goods	No	No	No	Yes	No
Employee travel to and from work	No	No	No	No	No



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