

CLIMATELINE

Finished Plasterboard



 VOC FREE
COATING



Faster, Cleaner, Easier





ClimateLine® is pre-finished sheet lining system designed to provide time, cost and performance benefits.

Developed and manufactured in New Zealand, ClimateLine® is a world first powder coated plasterboard created by patented Climate® coating technology. Made using square edge Gib® plasterboard.

The Benefits Of Using Climateline®

Time: Speed of construction

ClimateLine® is a pre-finished lining solution that is a one-step process, no further finishing is required.

Timeframe to line and finish 40m²

1/3 of the time to line and finish a room

1 Trade Required: ClimateLine

Day 1	Day 2	Savings
ClimateLine Installation: 16 hours		Interest Payment Savings Less disruption to existing tenants and customers Quicker occupancy = greater return

3 Trades Required: Plaster and Paint

Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
Fixing: 8 hrs	Plastering: 8 hrs	Plaster drying: 24 hours	Painting - preparation, 3 coats, including drying time		

* Labour hours based on average industry standard methods

Cost and Value

Factory finishing is the most efficient means of adding protection and colour to substrates. This creates significant cost benefits for all parties.

- **Time Value:** reduce interest payments on capital, lost client earnings during a new build or refit and late penalty charges.
- **Disruption:** less trades, less plaster dust and paint fumes means occupants can continue operating and less is spent on isolation or control systems and less on daily cleaning bills.
- **Fewer call backs:** quality issues associated with finishing trades often compounded with skilled labour shortages.

The Benefits Of Using Climateline®

Performance and Quality

- The Climate® powder coating is a very tough, mark and abrasion resistant powder coating that will reduce the levels of wear and maintenance of wall linings.
- Factory applied consistent powder coated surface for an even finish.
- The baked on powder coating forms a continuous film that protects the substrate from water splashes, steam and moisture.
- The non porous yet breathable surface helps reduce the growth of mould and mildew.
- Climateline® is backed by a 5 year Manufacturer's Limited Warranty. Obtain a copy of the full Warranty Details on our web page.



Design – create features and incorporate practical elements

- An economic alternative to high end pre-finished products.
- Available in any colour or choose from the stock range.
- Metallic or two tone blended finishes create stunning feature interiors.
- Create features from the jointing systems and combine multiple colours and varied layouts for maximum impact.

Sustainability– contribution towards Green Star Ratings

The Climate® powder coating is a zero VOC coating and is applied using state of the art automated production processes. Climateline® is applied to plasterboard that is a certified plasterboard by Environmental Choice New Zealand.



Climateline® may contribute towards satisfying Green Star Credits in the following rating tools:

Green Star Rating Tool	Australia	New Zealand	Features
Education	IEQ 8	IEQ 3, MAT B	Low VOC coating
Healthcare V1	IEQ 8, MAT 14		Low VOC coating
Office V3	IEQ 13	(V1) IEQ 13, MAT 7, MAT 10	Low VOC coating Can be used in demountable partitioning. PVC alternative.
Office Interiors V1	IEQ 11, MAT 3, MAT 10	IEQ 3, MAT B, MAT- E	
Retail Centre	IEQ 8		Low VOC coating

The Range

Jointers

Available Finishes: Natural Anodized and Matching Powdercoat 2750 x 10mm (powdercoat made to order).

Standard Range



External Friction Fit



Internal Corner



H Jointer



H Jointer
(Colour Matched)



Negative Detail

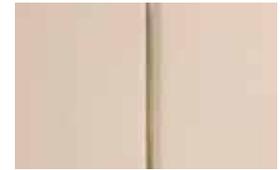


Knife Edge Jointer
(Flat bar)

Hygiene Options



Silicon



Hygiene Jointer
(Knife edge embedded
into silicon)

NB: The Standard Range may be suitable for hygiene and wet areas when used with silicon.

Colours Available

Essential ClimateLine® - the stock range of colours and sizes



Arctic Frost
Effect: Solid



Ivory
Effect: Solid



Bedrock
Effect: Blend



Pebble
Effect: Solid

Board Sizes: 2400 x 1200 x 10mm
2700 x 1200 x 10mm

Create Your Own ClimateLine® - customised colour range

ClimateLine® is available in a huge range of custom colours. This means you can get the exact colour scheme you require for larger building projects.

*Talk to us about matching any colour from the RAL® colour palette.
Minimum quantities apply.*



Applications



Education

Schools are high traffic environments that require durable products that can be readily maintained. The powder coated surface of ClimateLine® is significantly more durable than enamel paint systems and repairs are quick and effective. Because it's a pre-finished lining, ClimateLine® saves time, so it's ideal for completing projects during school holidays.



Design Tips:

- 1 Combine with powder coated plywood and MDF linings
- 2 Use multiple colours to create contrast and features

Testimonial

"I highly recommend using Climate GIB board. When time and mess is an issue this is the perfect solution. Typically there is only a limited window if opportunity to complete work in the educational sector. This work is normally completed during the school holidays. With numerous projects to manage during this time, Climateline provides an excellent solution for school wall linings." Using the traditional GIB and paint method was 30% more expensive than using Climate GIB.

David Hunt, Property Manager, Auckland Grammar School



Applications



Hygiene Areas: Medical, Kitchens, Laboratories

Very few situations demand such high standards of hygiene and durability as hospitals and the food industry. The ClimateLine® hygiene system can meet those demands, as independent test results demonstrate. The smooth, non-porous, durable powder coating of the ClimateLine® panels combined with the Hygiene Jointer ensures clean environments during the life of the wall.

- Operating theatres, sterile rooms
- Bathrooms (dry wall)
- Laboratories
- Wards
- Reception areas, corridors
- Kitchens and restaurants
- Pharmacies



Design Tips:

- 1 Include ClimateLine® Hygiene ceiling tiles
- 2 Knife edge joints create discrete, slimline joints
- 3 Available with anti-microbial (bacteria killing) properties

Recommendation

“ClimateLine® Pre-finished GIB board proved to be the perfect solution for this job, and I look forward to using it again in the future. I would highly recommend this product to anyone in need of a wall lining solution. Especially in the medical areas where quick installation, minimal disruption and added durability is essential. Having replacement panels will also be extremely useful in the event of any damage to the wall.”

Nathan Linton
Building Maintenance Supervisor, Middlemore Hospital

Applications



Office & Commercial

The office never stops. That's why ClimateLine® is ideal for interior retrofits, as it significantly reduces disruption to a working office by eliminating plastering and painting from site. By using ClimateLine® you can reduce the time for lining and finishing by up to 60%. Integrate ClimateLine® into a demountable partition suite and you'll create the ultimate flexible working environment and a wall that is considered a depreciable tax asset.



Design Tips:

- 1 Fix horizontally with negative detail jointer, creating clean lines
- 2 Metallic finishes available

The Climateline® Performance Range



Climateline® Hygiene (with anti-microbial)

Climateline® is now available with anti-microbial powder coating created by silver ion technology that protects against bacteria, fungi, mould, yeast and mildew. The antimicrobial properties are effective for the serviceable life of the powder coating. Combined with the Climateline® Hygiene jointer it is possible to have a wall lining that helps reduce the rate of Hospital Acquired Infections or simply provide reassurance to the building occupants. Supporting test results and information is available on request.

Minimum quantities and lead times apply.



Climateline® Tough

The same tough powder coating applied to a tougher plasterboard that has a special high-density core reinforced with a continuous fibreglass mesh to help cope with impact damage and make it well suited in areas of greater wear and abuse.

- School classrooms, hallways and gymnasiums (above or below dado line)
- Hospital hallways and public areas
- University, military and hospitality buildings

Minimum quantities and lead times apply.

The ClimateLine® Ceiling Tile Range

ClimateLine® Colour Ceiling Tile

Create features and reinforce brand messages in retail buildings with a custom colour ClimateLine® plasterboard ceiling tile. Matched to any corporate colour with the option of also matching the metal suspended grid for complete colour coordination. *Minimum quantities and lead times apply.*

Hygiene Ceiling Tile (now available with anti-microbial)

The ClimateLine® Hygiene plasterboard ceiling tile is powder coated all five sides to prevent plaster dust contamination in clean environments. The 40% gloss, smooth white powder coat surface resists stains, steam, and moisture and is easy to clean. Tested and proven to comply with food safety and hygiene standards. Now available with anti-microbial powder coating for added protection against the spread of bacteria.

For more information refer to www.climatesurfaces.com



Technical Information

Easy to Repair – ongoing repairs are easy with colour matched spray paint cans available in all stock colours. Refer to the ClimateLine® Repair Flyer for more information. www.climatesurfaces.com/repairflyer

Easy to Clean – the Climate® powdercoat finish has non stick properties which makes it hard for stains to stick and easy to clean off. Simply clean the surface on a regular basis by wiping with a damp cloth which has been soaked and wrung out in a diluted solution of mild liquid detergent mixed in tepid water. Remove any moisture remaining after cleaning with a dry clean cloth.

NB: Do not allow water onto the back paper face of the sheet. Do not use abrasive cleaners or harsh solvents on the ClimateLine® surface.

Early Fire Indices NZS 1530.3:1999

Climate powder coat finish, white colour applied to one side over 10mm thick standard plasterboard. Tested to NZS 1530.3:1999

Ignitability (0-10)	Spread of Flame (0-10)	Heat Evolved (0-10)	Smoke Developed (0-10)
0	0	0	3

BCA C1.10a

The cone calorimeter was carried out on ClimateLine®. For the purpose of compliance of BCA 2010 Specification C1.10a for the Classification of Fire Performance of Wall and Ceiling Linings Materials, the following classification is considered applicable to the material as described below.

Product	Classification
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ClimateLine®	Group 1
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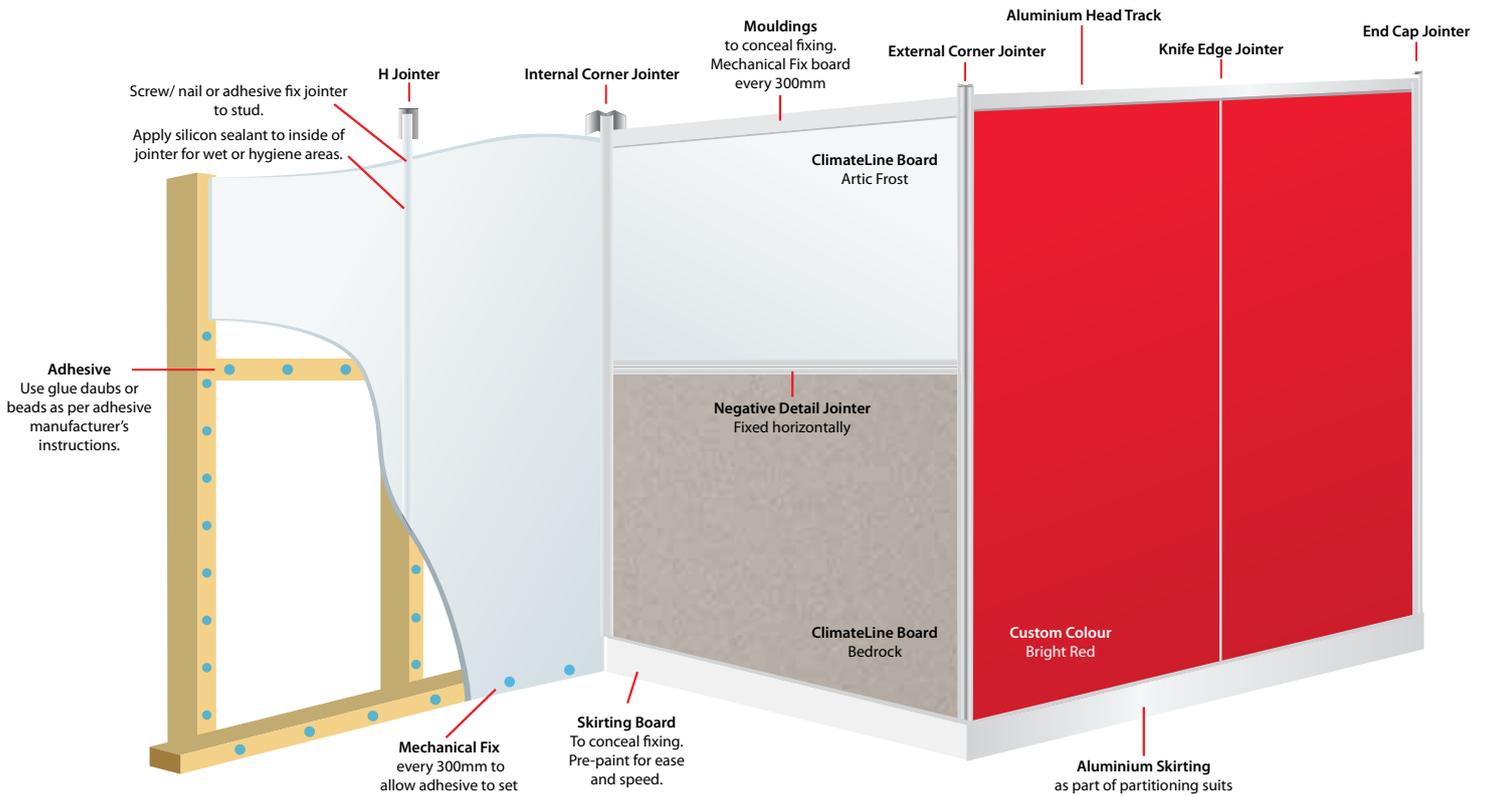
The average specific extinction area was less than the 250 m²/kg limit. (ClimateLine® 106.0 m²/kg).

Climate® finish performance - powdercoat tough

Stain Resistance ASTM D3023	Excellent resistance to household cleaners. (Refer to Care and Maintenance instructions for limitations of use)
Pencil Hardness Scale	Minimum H: Excellent Surface Hardness
Steam Resistance	Coating unaffected by steam after 24 hours: Excellent resistance to steam
Abrasion Resistance AS/NZS 1580.403.2: Taber Abraser	No substrate visible at 1000 cycles: Excellent resistance to abrasion
Resistance to Washing AS/NZS 1580.459.1: Resistance to Washing	No gloss change: Coating unaffected by washing over repeated washing cycles
Water Resistance	Coating unaffected by water after 96 hours: Excellent resistance to water

Installation Information

ClimateLine® is installed using standard pre-finished linings installation techniques.
Recommended installation instructions available at www.climatesurfaces.com



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