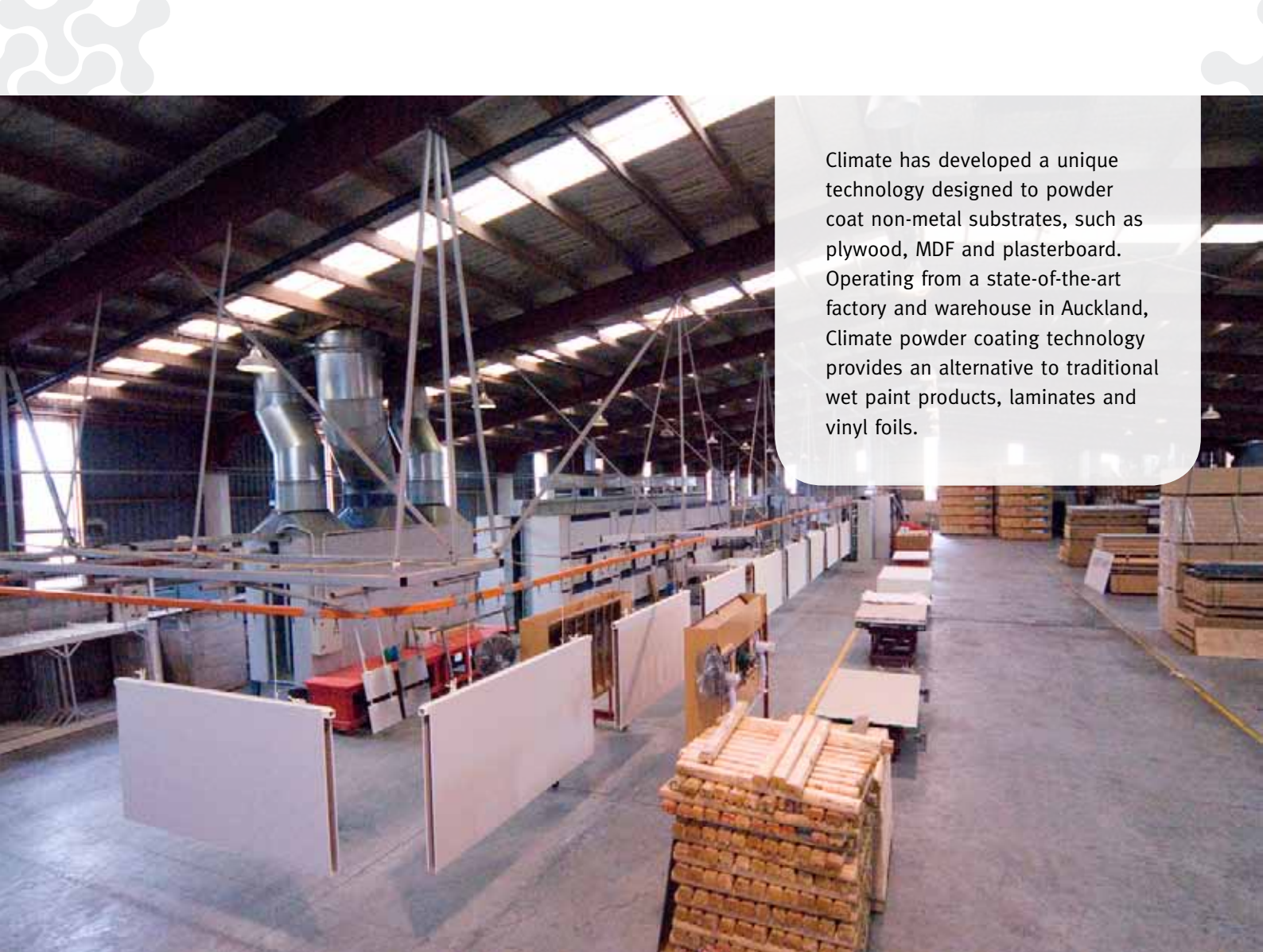


climate[™]
THE CLEAN FINISH



*Powder Coating and Pre-finished
Building Product Supply Service*



Climate has developed a unique technology designed to powder coat non-metal substrates, such as plywood, MDF and plasterboard. Operating from a state-of-the-art factory and warehouse in Auckland, Climate powder coating technology provides an alternative to traditional wet paint products, laminates and vinyl foils.

Durability and Performance

Powder is a baked on finish that has excellent adhesion, scratch, abrasion, chemical and moisture resistance properties. The coating is tough enough to withstand cutting and machining after the coating is applied. For full performance specifications visit www.climatesurfaces.com

Efficient

Climate powder coatings are applied in an automated factory, with low waste, no drying times and high output capabilities. This means lower prices per m² for often greater comparative performance.

Sustainable Technology

No water or solvents are used in powder coatings, eliminating VOCs and reducing waste. Suitable for achieving Green Start credits relating to Indoor Air Quality.

Colour and Special Finishes

Powder coating is available in almost any colour, using rich paint pigment technology for bright, vibrant colour. Special effect finishes such as subtle pearls, sparkling metallic and two tone blended finishes are available.

Made in New Zealand

The powder coating of choice for Climate is manufactured in New Zealand by PPG Industries LTD and applied by Climate.

Powder coating on plywood, MDF and plasterboard is suitable for the following uses:

Powder coating type	MDF	Plywood	Plasterboard
Primer/sealer (Interior & Exterior)	Furniture & joinery. 3D feature wall panels.	Plywood cladding. Plywood Interior wall & ceiling lining. Soffits. Utility cladding.	
Interior	Custom colour decorative board for making furniture and joinery. Linings Slat wall. Perforated or slotted acoustic panelling.	Pre-stained interior linings. Feature wall panels. Furniture & joinery. Acoustic panelling.	Wall & ceiling linings. Suspended ceiling tiles – coloured & hygiene

Full or Part Service Options

Climate can powder coat a range of wood fibre and gypsum based substrates. We offer a coating service for your products provided it meets our technical specifications or we can supply a pre-finished product to your specification utilising our competitive supply channels, logistics and cutting/machining capabilities

Minimum Orders

All orders are subject to minimum order requirements. As a general guide at least 120m² of product is required, however lower minimum order can be accommodated or batched into other product runs.

Make and Hold

Climate can make and hold product on your behalf if the total order meets the minimum volume.

Cut 'n' Coat

Climate can source and cut and coat a wide range of substrates to your specifications to allow you to concentrate on servicing your customers.

Table 1. Substrate options for the supply of pre-finished panels or components.

Maximum panel width is 1200mm. Maximum panel length is 3600mm.

Types/Grade	Size mm	Thickness mm	Machining Options
MDF			
Standard	2400/2700/3600 x 1200	12,16,18,25,30	Perforations. Slotted.
MR EO	2400 x 1200	12,18,25	Intricate designs. Cut to size.
PLYWOOD			
Radiata Pine			V Groove T&G edge.
Clear Finish Grade	2400/2700	12	Perforations.
BB	2400/2700x1200	12,17	Slotted.
BD	2400/2700x1200	12,17	Intricate designs.
CD	2400/2700x1200	7,9,12,15,17,19,21,25	
DD	2400 x 1200	7,9,12,15,17,19,21,25	
Hoop Pine			
AC	2400 x 1200	9,12,19,25	
Paper Faced Plywood	2400 x 1200	12mm	
PLASTERBOARD			
Standard board	2400/2700/3000x1200	10,13	Panel jointers & accessories available. Option to match ceiling grid.
Impact board	2400x1200	13	
Ceiling Tiles (sealed edges)	1195x595	10	
OTHER			
Strand Board	2400/3600x 1200	9,12	
OSB	On request		

*All substrates supplied by Climate are subject to the original manufacturers product, handling, performance and uses specification. For specific substrate information contact Climate.

Table 2: Finishing options that can be applied to the specified substrates.

FINISHING			
Coating	Uses	Notes	Finishing area
Pre Prime	A functional primer and sealer coat for MDF or plywood substrates	Exterior primer for plywood available. Can be applied to LOSP or CCA treated plywood.	All coating and substrate options are either: 1. Sealed and coated both faces and edges or 2. Sealed and coated one face and edges
Solid Colour Coat	A vibrant paint pigment colour coating for interior use on MDF or Plasterboard substrates.	Solid colours on Plywood available only over paper faced ply.	
Metallic, Pearl or Blend Effect	Interior decorative use over MDF. Available over paper faced plywood.	Only available from Extended or Custom colour ranges.	
Clear Coat	An interior sealer and finish coat that's durable and resists yellowing. Ideal for plywood, MDF, Strand board and Particleboard substrates.	Available over LOSP treated plywood.	
Blonde	An interior white wash finish that is durable and resists fading.	Not available over LOSP treated plywood.	

NB: All Climate finishes have a Technical Data Sheet and must be used in accordance with the data sheet. Visit www.climatesurfaces.com for data sheets.

Table 3: Colour Options Available

Range	Benefit	Lead Time*	Samples	Notes
Stock Range For colour range see www.climatesurfaces.com	No colour matching required and shortest lead times.	5-10 working days.	Available on MDF, Plywood and Plasterboard.	Climate holds stock of our most popular colours and finishes. An ideal option for urgent projects or one off jobs.
Extended Range	No colour matching required and reasonable lead times.	15-20 working days.	Colour and finish approval is made on our powder coated tin plate samples.	Plasterboard and plywood substrate characteristics may telegraph the coating. An example of finishes on these substrates is available.
Custom Colours	Ideal for contract coating services with proprietary colour or performance specifications.	30-40 working days (includes colour matching and production).	Laboratory prepared sample supplied for approval.	A full custom colour service is available for on going and longer term projects. Climate will match and supply a sample for approval and allocate that colour to your product or project.

*Lead time is based on receipt of order if Climate is supplying finished goods. Lead times do not include substrate lead times for special or non stock substrates. If product is being supplied to Climate for powder coating the lead time is based on the date goods are delivered to Climate unless otherwise agreed.

Finishing Accessories

- **Colour matched spray cans** are available for repairs, touch ups or sealing/colouring cut edges.
- **Matching Board Edging** is available in 1 and 2mm thick ABS or PVC edge tape. Solid colours only. Minimum order and lead times apply.
- **Aluminium Panel Jointers** for wall linings in 10 and 13mm thicknesses. Anodized or colour matched. Includes panel jointer, internal, external corners and capping. Available in anodized or colour matched powder coat finish. *Examples below.*



Internal Corner



External Friction Fit

Warehousing and Logistics

- Option to manufacture and hold inventory for special projects with on going supply requirements.
- National and international shipping capabilities.



Quality and Testing

Powder and application of powder is produced to quality control procedures and standards to control film build, texture, gloss and cure.

The Climate powder coating has been tested extensively by independent laboratories to New Zealand Standards. For performance information visit www.climatesurfaces.com

Sample standards or prototypes will be produced prior to commencing the job if required.

Limitations

Minor variance of colour, texture or gloss may be evident within runs or between batches of product. All product is manufactured to tolerances that are typically not discernable to the naked eye.

Not all substrates or types of MDF, plywood or plasterboard suit powder coating due to the electrostatic and thermal curing conditions of the process.

Some MDF types perform better than others. Powder coating of the edges to a finished level is only appropriate for specific products and applications.



The Process

- 1 Select a substrate, colour and finishing option.
- 2 View samples for approval from the specified colour range.
- 3 Request a quote from Climate.
www.climatesurfaces.com
- 4 Consultation may be required to discuss further details.
- 5 Price and lead time will be advised.
- 6 Job is initiated when written order is placed.



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