

A sustainable choice for your next project

OMEGA® is proudly owned by McKechnie Aluminium Solutions Limited, who have over 60 years experience in extruding aluminium.

Established in 1978, OMEGA rapidly gained a reputation for high-quality joinery in the industry.

Since acquiring OMEGA in 2012, McKechnie has invested in the people and products to make OMEGA suites the most innovative, modern and effective on the market, recognised across New Zealand and internationally.

What sets OMEGA apart are our thermally broken suites, a homegrown innovation engineered in New Zealand using state-of-the-art techniques. Similar to the insulation in our homes, our thermal break creates a barrier, preventing heat loss through windows and doors – reducing energy demand and improving comfort all year round.

Sustainability isn't an add-on at OMEGA, it's engineered in. McKechnie holds Environmental Product Declaration (EPD) certification, an internationally recognised, independently verified assessment of a product's environmental impact across its lifecycle – from raw material through to manufacture. It gives architects, builders and homeowners a transparent, evidence-based way to understand the true environmental footprint of what they're building with, rather than relying on marketing claims.

As part of the McKechnie Aluminium Solutions family, OMEGA prioritises excellence. Our products not only boast aesthetic appeal but are also engineered to endure New Zealand's challenging weather conditions – built to perform for decades, not just to look good on day one.

Care and Maintenance

Care and maintenance schedules are essential to ensure that the life of your powder coat is maximised whether the project is residential, commercial, or non-habitable.

Simply follow three important steps:

1. Carefully remove any loose surface deposits with a wet sponge by gently rubbing.
2. Clean the surface with a soft brush (non-abrasive) and diluted solution of a mild detergent – a pH neutral liquid hand wash or dish washing liquid is ideal.
3. After cleaning, rinse well with fresh water. Water blasters or high pressure washers should not be used.

For oily deposits, use either isopropyl alcohol (IPA), methylated spirits or Selleys Powder Coating Cleaning Wipes. After using any of these products, go back and repeat steps 2 and 3. Where possible, and if available, it is recommended that hard water be avoided¹.

The Do's & Don'ts of protecting your powder coating

Do

Protect all powder coated joinery

When building, renovating, plastering, or painting around powder coated surfaces use approved tapes and films in accordance with the manufacturer's instruction.

Remove unwanted paint & sealants

Ensure all paint splatters or excess sealant are removed immediately.

Use recommended solvents for oily/stubborn stains only

Use only isopropyl alcohol (IPA) or methylated spirits. Following this, clean with a pH neutral detergent and rinse off with clean fresh water.

Regularly inspect

Inspect your powder coating often and clean more regularly if required.

Clean in mild conditions

Clean powder coated surfaces only when the surface temperatures are below 25°C.

1. Hard water has a higher dissolved mineral content.
2. For information on care and maintenance schedules, visit duluxpowders.co.nz/tech-advice/ to download the latest Care and Maintenance Tech Advice.

Don't

Use aggressive solvents

Do not use turpentine, white spirits, thinners, citrus based cleaners or other aggressive solvents on powder coating. Non approved solvents such as these can cause damage that may not be visible immediately and may take up to twelve months to appear.

Rub powder coated surfaces excessively

Do not rub powder coated surfaces excessively, especially metallic finishes.

Allow sunscreen to come into contact with coated surfaces

Many sunscreens adversely affect powder coated finishes. If sunscreen contacts powder coated joinery, clean off with isopropyl alcohol (IPA), methylated spirits or Selleys Powder Coating Cleaning Wipes as per instruction above.

Neglect recommended care and maintenance schedules²

To comply with Dulux Alumi Shield™ powder coating warranties the recommended care and maintenance schedules must be adhered to.

OMEGA® Windows + Doors
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Private Bag 2007, New Plymouth 4340
New Zealand

omegawindows.co.nz



MADE IN NEW ZEALAND

THURA

Entrance Door Range

THURA® ENTRANCE DOORS

THURA DOORS

Omega Windows and Doors offers a range of innovative thermally broken and non-thermally broken entrance doors for your next project. Whether it’s a renovation and a refresh of an existing entrance, or a stylish, modern new build, Omega has a door to make the right first impression. Our thermally broken doors perform extremely well, due to our advanced polyamide barrier technology and the foam core, ensuring that your home is thermally resilient and comfortable year round. If you value thermal performance, beauty, and durability, choose a Thura Door, by Omega.

DOOR CONFIGURATIONS

Our innovative, high-quality entrance doors are designed to enhance the aesthetic appeal and functionality of your home or commercial property. We offer a versatile selection of Tongue & Groove doors in single and double configurations, with width options of 810mm, 860mm, 910mm and 960mm. Our entrance doors come in heights of up to 2400mm within our standard range, and can be paired to create a double entrance door.

Our glass options include clear or etch lite for a frosted look.

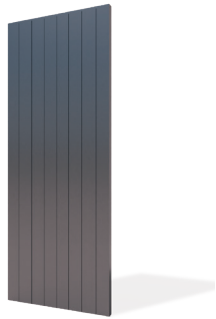
HARDWARE

We partner with top New Zealand hardware suppliers to provide options tailored to your residential or commercial needs, with hardware that can be colour-matched to your joinery for seamless integration.

YALE Unity Slim Smart Lock



Edge3 Handle



TG1
Tounge & Groove



TG2
Short Vertical Glass
Clear | Etch Lite



TG3
Long Vertical Glass
Clear | Etch Lite

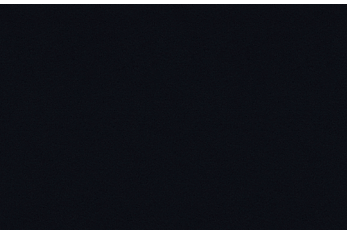


TG4
Three Vertical Glass
Clear | Etch Lite

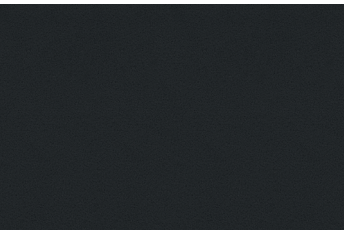


TG5
Four Horizontal Glass
Clear | Etch Lite

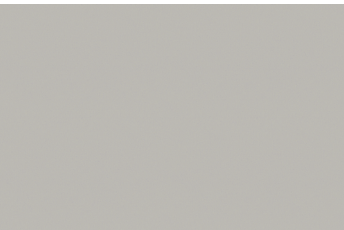
THURA® Entrance Door Colour Range



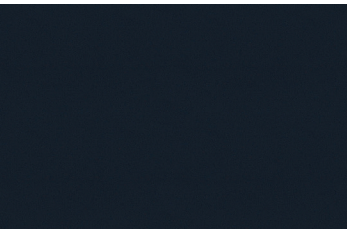
Protecture® Black Flat
20T9215F | LRV 4.5



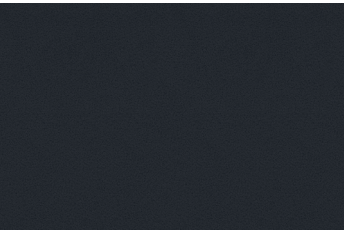
Protecture® Ironsand Flat
20T8406F | LRV 7.7



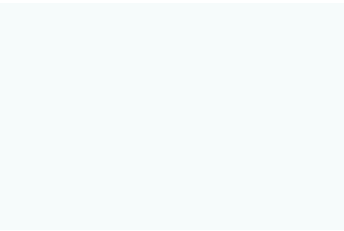
Protecture® Titania Flat
20T2068F | LRV 69.6



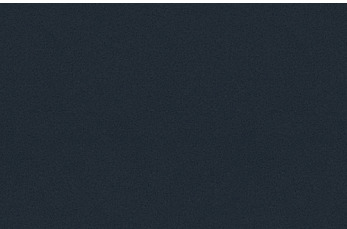
Protecture® Charcoal Flat
20T9081F | LRV 8.2



Protecture® FlaxPod Flat
20T9225F | LRV 7.1



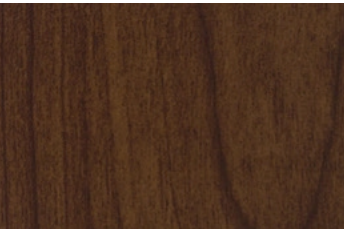
Protecture® Arctic White Flat
20T1342F | LRV 82.4



Protecture® Grey Friars Flat
20T7167F | LRV 10.5



Protecture® Metro Silver Pearl Flat
21T7852F | LRV 41.8



Dark Cedar
Wood Grain Finish

Duralloy® +PLUS and Protecture® powder coating is covered by Dulux’s Alumi Shield™ Warranties:

- + 15 Year Aluminium Colour Warranty
- + 15 Year Aluminium Durability Warranty

As a Dulux Prime Accredited Powder Coater, we offer Alumi Shield™ warranties on all powder coating using Dulux powder giving you confidence that your aluminium powder coating will stand up to New Zealand’s climatic conditions.

Dulux Powder Coatings are an ideal choice for the long term protection of architectural aluminium items for your next project, and provide assurance through the issue of Alumi Shield™ warranties.

Visit duluxpowders.co.nz/information/alumi-shield-warranty/ for the latest information on Dulux Alumi Shield™ warranties.



Colour Disclaimer: Colours displayed in this brochure should only be used digitally and as an indication only. The actual colour and finish will vary from these samples when printed or viewed physically. Contact your local OMEGA fabricator for physical samples.

Disclaimer of Liability: All information in this brochure was accurate at the time of printing. Information in this brochure should be taken as general advice only. Careful consideration must be taken when choosing the powder coat product based on your project’s environment and surroundings. Visit duluxpowders.co.nz/specmap/ for more information based on site specific variables for your project. Contact your local OMEGA fabricator to assist with any further questions.