



# Residential Joinery



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OMEGA® Windows and Doors' third party Toitū Product Certification means our residential products sustainably lead the industry.

Achieving a carbon footprint of 1.29kg of CO<sub>2</sub>e per kilogram of Aluminium on a Scope 1 and 2\* by using a high content of recycled aluminium saves 976,500kg of carbon from leaching into the atmosphere. The carbon savings would need to have been sequestered by 16,147 tree seedlings grown for 10 years or 515 hectares of forest, equalling the size of 3.5 average sized dairy farms in New Zealand.

\* Full Life Cycle is 7.73kg of CO<sub>2</sub>e per Kg of Aluminium

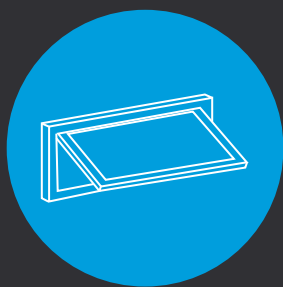
## Residential Series

When great looks and a great price are important, choose the OMEGA® Residential Series.

Tested to meet the performance requirements of NZS4211, the OMEGA® Residential Series meets or exceeds the Very High wind zone rating for all its products.

A full range of aluminum products are available including awning and casement windows together with bi-fold, hinged, French doors, sliding and stacking doors.





## 301 Series Awning Windows

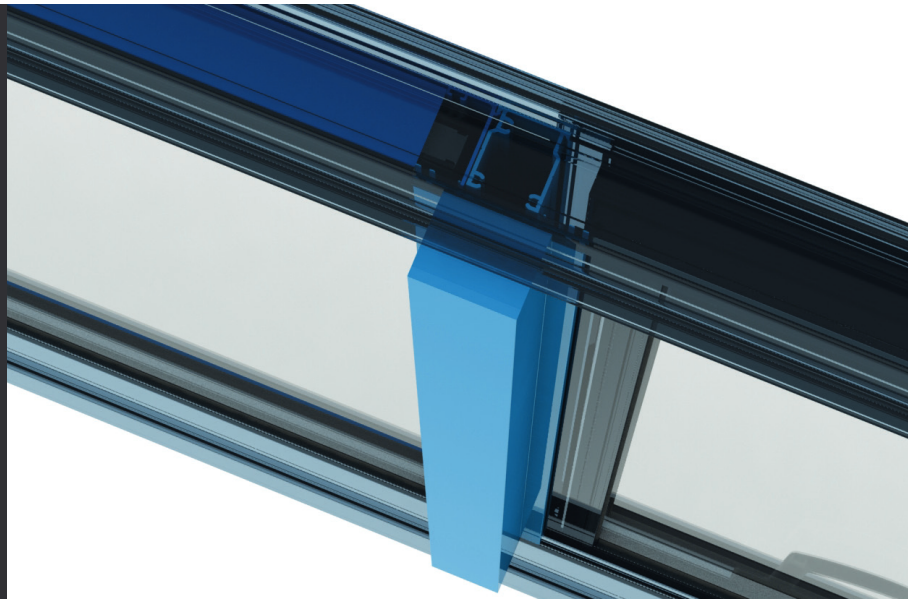
Awning windows are perfect for New Zealand's changeable weather conditions, pushing out from the bottom to allow air circulation while still providing protection from the rain.

- Pocket and beaded sash options.
- Aluminium liners for a highly durable finish for wet areas.
- Easy clean profiles.
- Sloped condensation channel to aid the drainage of any moisture (for standard configurations).
- Strong back mullions for zero awning frame projections and a clean exterior.
- OMEGA® sash fastener handles, venting and low profile available.
- Proprietary high performance condensation drainage system.

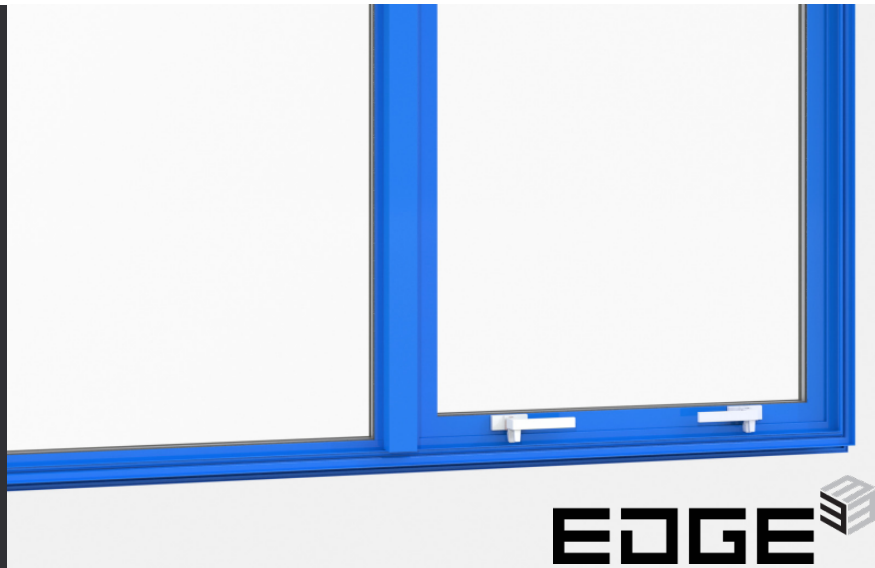


# Features and Benefits

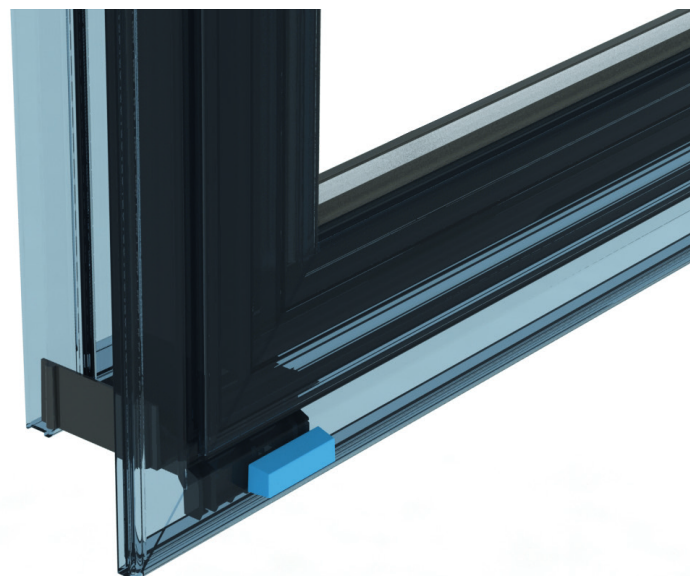
Strong back mullions  
available for zero awning  
frame projections and  
clean exterior

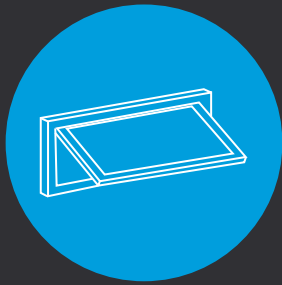


OMEGA's proprietary Edge<sup>3</sup>  
sash fastener handles,  
venting and low profile  
available



Proprietary high  
performance condensation  
drainage with an anti-  
blowback component





# 301 Series Awning Windows Designs

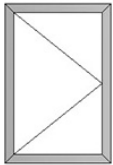
## KEY



Fixed pane of glass with  
aluminium frame

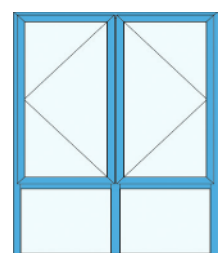
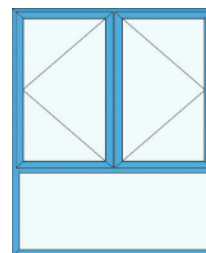
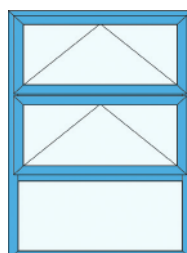
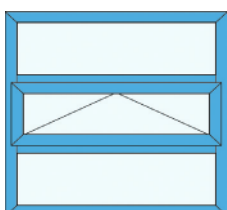
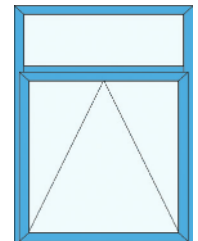
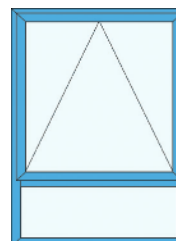
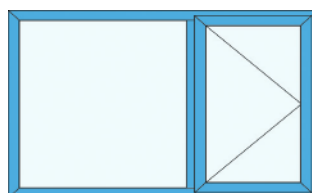
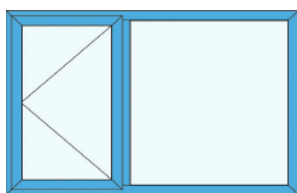
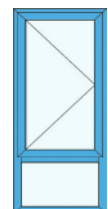
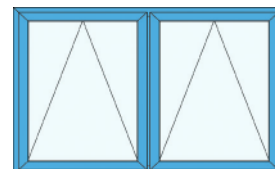
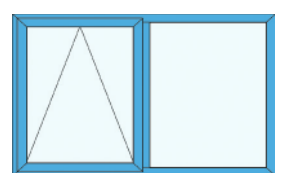
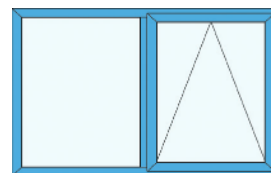
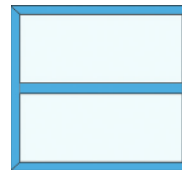
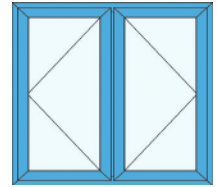
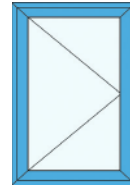
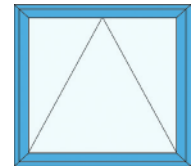
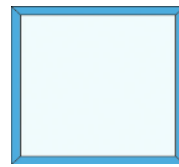


Awning window (points  
to hinged side)

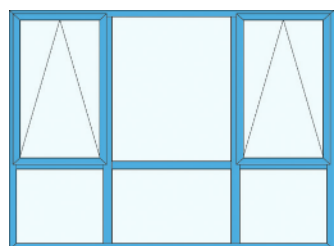
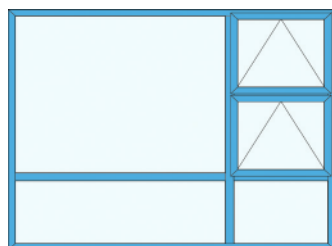
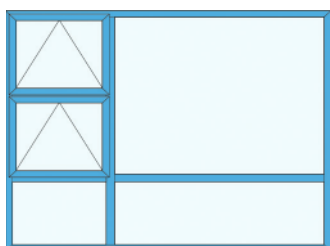
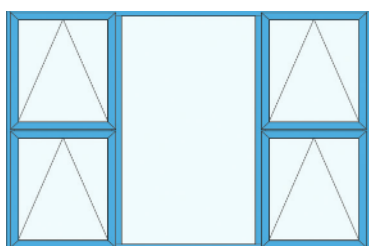
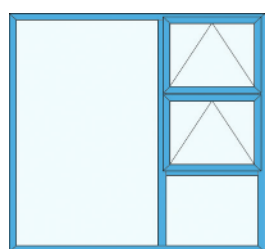
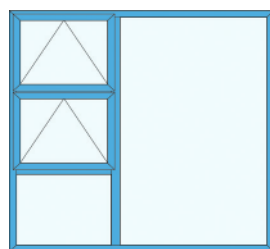
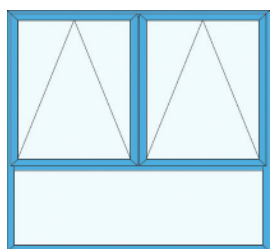
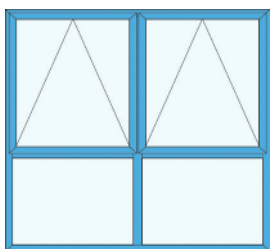
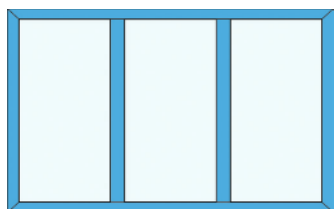
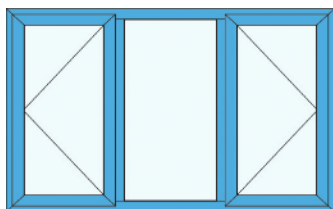
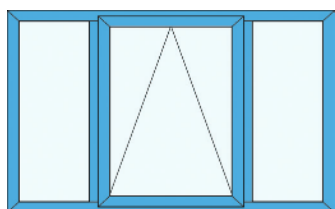
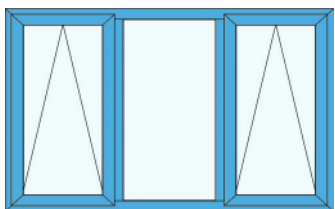


Casement windows  
(points to hinged side)

*Window configurations to provide  
you with some design ideas for your  
home.*











## 309 Series Hinged Doors

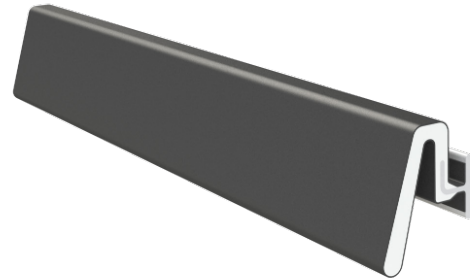
OMEGA® offers the most robust residential hinged door on the market at 42mm thick.

- OMEGA's European strip drive multi-point locking systems provides a rattle-free locking system.
- Adjustable door bracing system and anti-drop components.
- Rattle free four point locking available for extra security.
- Features OMEGA's proprietary 2D adjustable hinge door strikes.

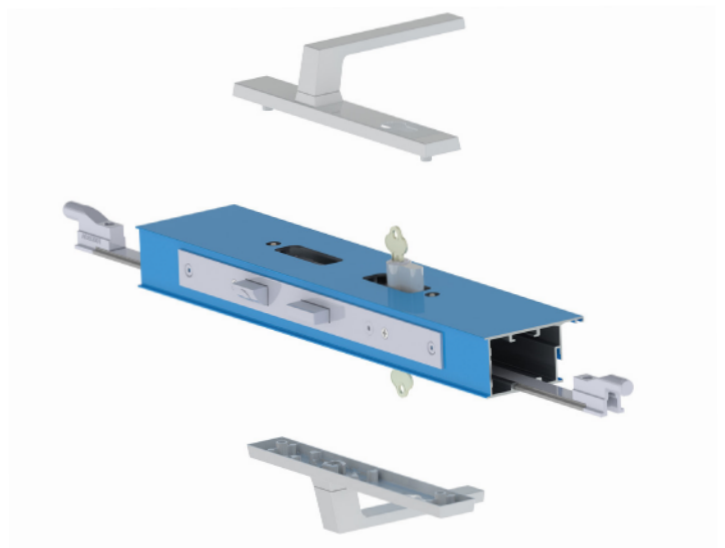


# Features and Benefits

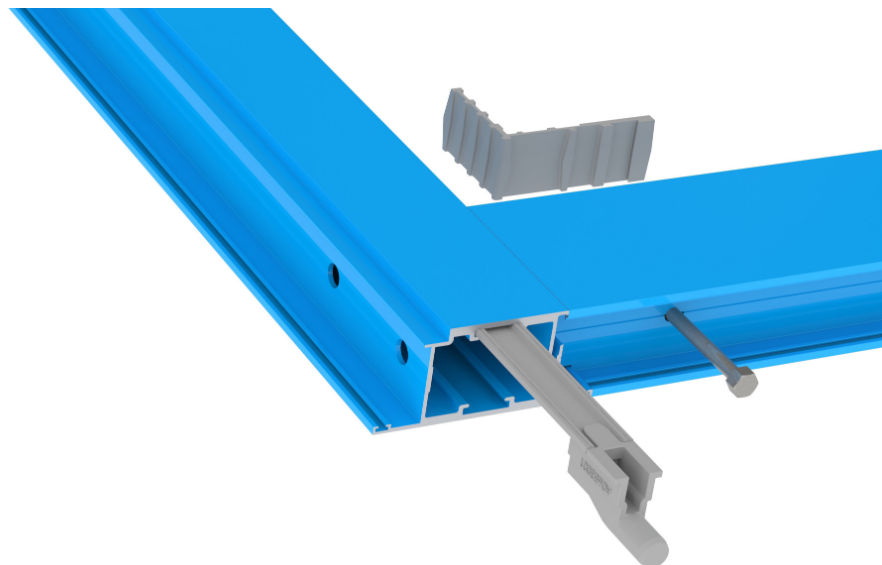
Foam perimeter seals are available for high performance resistance to water and air infiltration

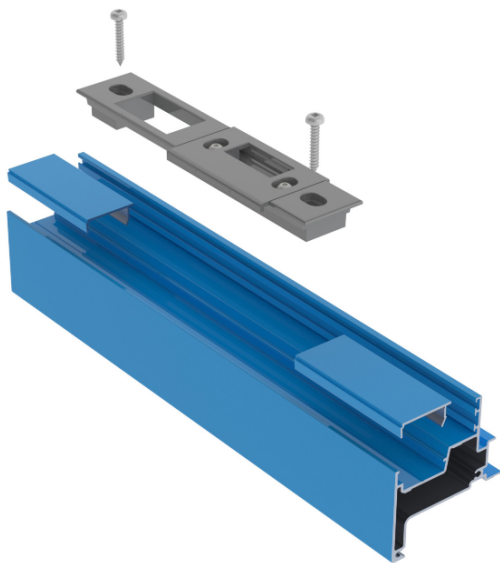


Proprietary European strip drive multi-point locking systems provides a rattle-free locking system



Adjustable door bracing system and anti-door drop components

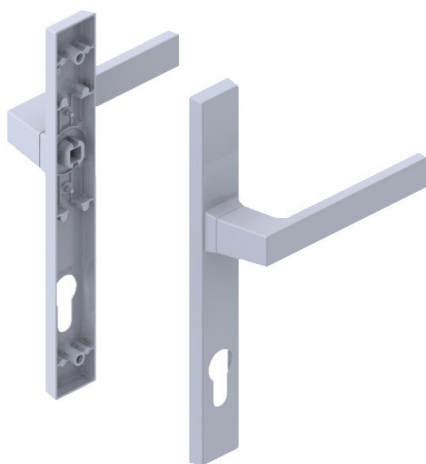




OMEGA's proprietary 2D adjustable hinge door strikes



Flush-bolts on French doors can be mounted close to strike for ease of operation



OMEGA's proprietary Edge<sup>3</sup> hinged door handles

**EDGE** 





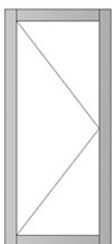


# 309 Series Hinged Doors

## KEY

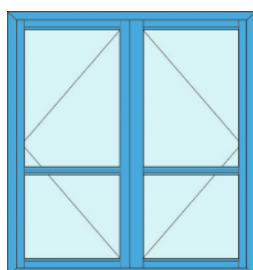
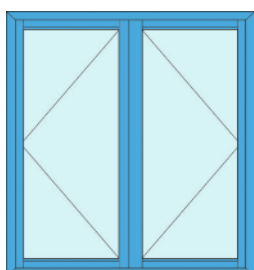
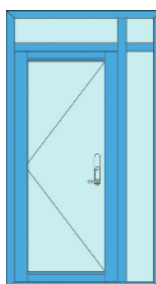
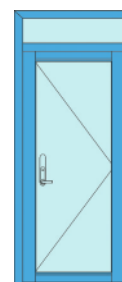
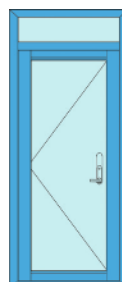
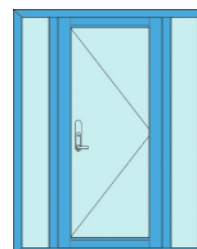
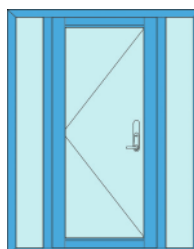
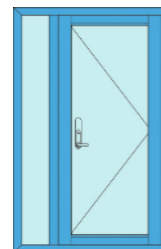
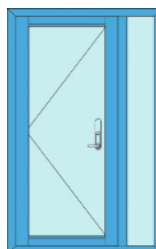
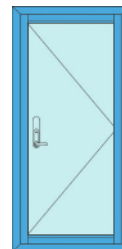
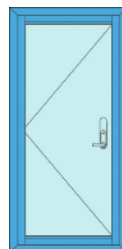


Fixed pane of glass with  
aluminium frame

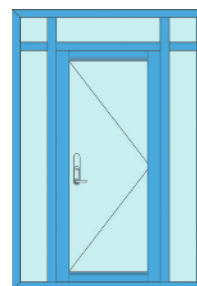
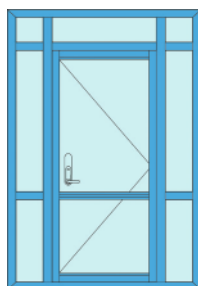
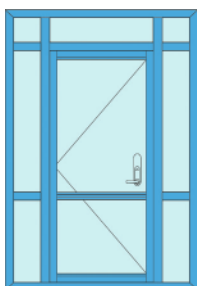
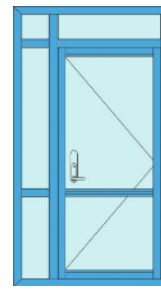
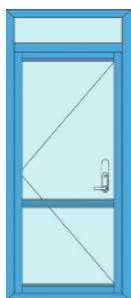
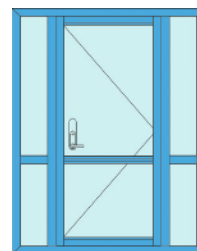
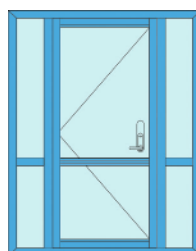
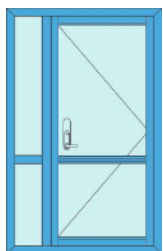
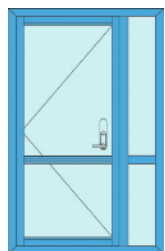


Arrow indicates  
opening direction

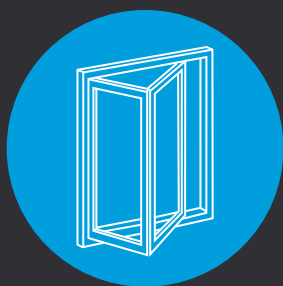
*Window configurations to provide  
you with some design ideas for your  
home.*











## 313 Series Bi-Fold Doors & Windows

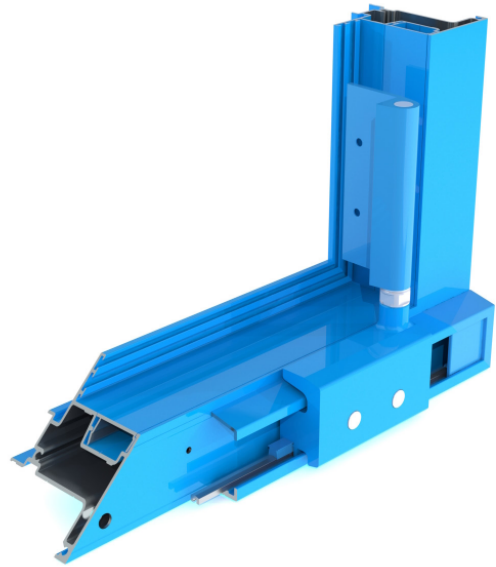
Bi-fold doors and windows are the modern champions when it comes to providing panoramic views unencumbered by obstructions once open. They are an excellent way to extend your indoor living to the outdoors.

- There is no bi-fold solution more durable than a bottom rolling installation. Top hung bi-folds require specific design, installation and require more maintenance than the OMEGA® bi-fold.
- Narrowest bi-fold door stiles available on the market – capable of a 2m high door in a High Wind Zone, 2.2m in a Medium Wind Zone.
- Heavy duty stile capable of 2.4m high doors in a High Wind Zone – NZS4211:2008 or 2.2m high doors in a Very High Wind Zone (0.9m wide panel).
- Significant safety factor in design: bearings are rated at 135kg static load (270kg total).
- All our hinging and folding doors incorporate our proprietary cast stainless lock tips for exceptional security.

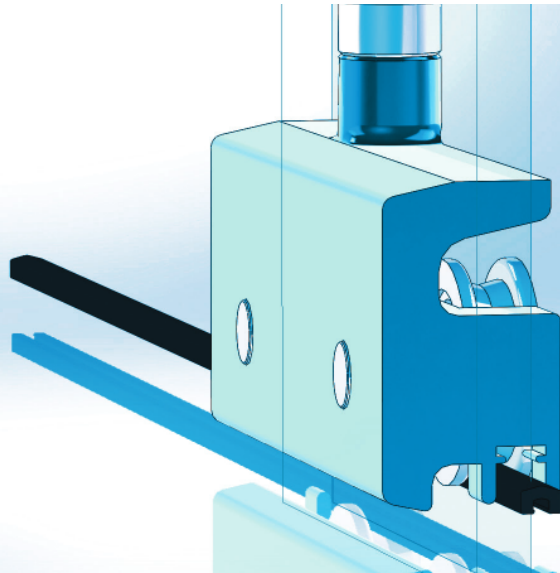


# Features and Benefits

OMEGA® has the most robust residential bi-fold gear on the NZ market



OMEGA's proprietary polymide track system ('Easy-Glide') for smooth operation



OMEGA's proprietary Edge<sup>3</sup> twin bolt bi-fold door handle



**EDGE** 

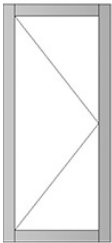


# 313 Series Bi-Fold Doors & Windows

## KEY

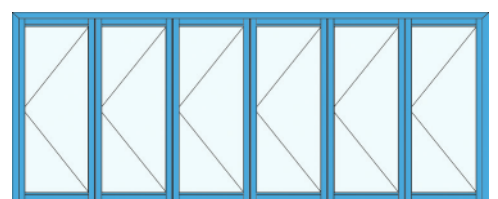
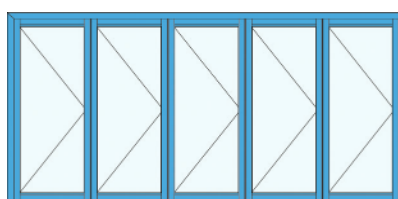
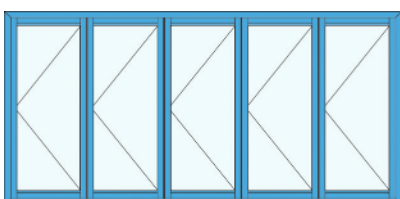
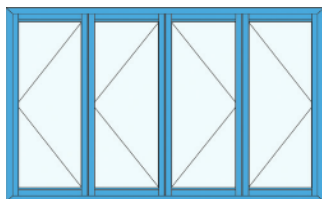
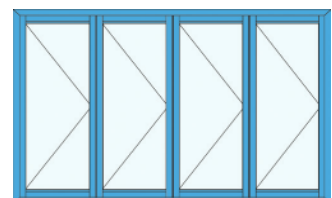
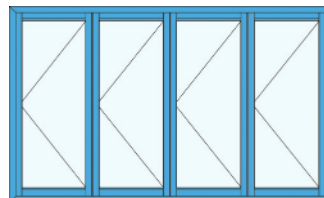
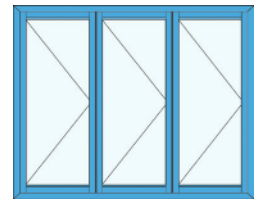
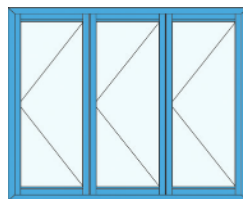
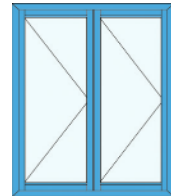
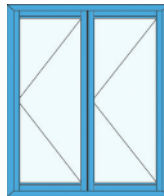


Fixed pane of glass with  
aluminium frame

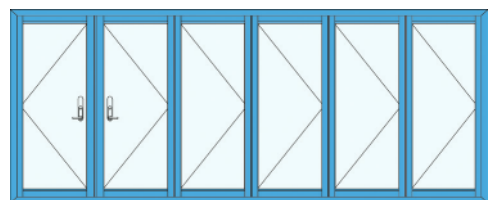
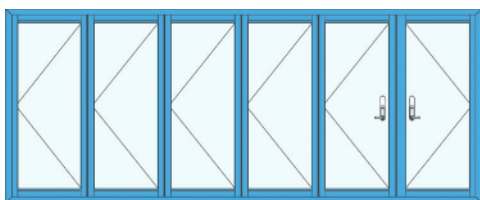
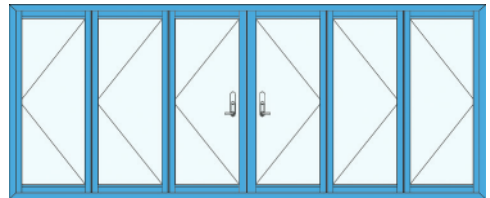
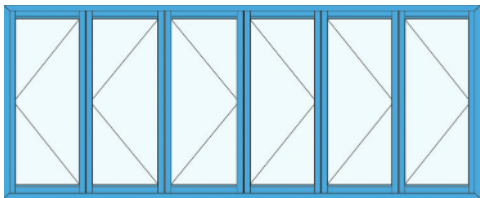
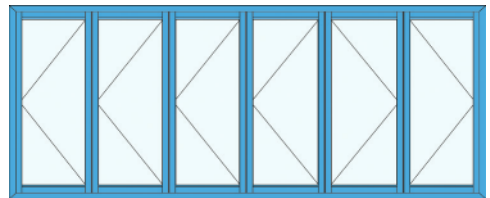
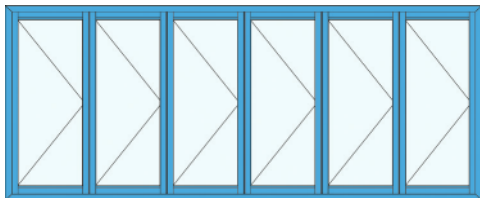


Arrow indicates  
opening direction

*Window configurations to provide  
you with some design ideas for your  
home.*









## 303 Series Sliding Windows & 311 Series Sliding Doors

OMEGA® is an industry leader in sliding window performance. We feature proprietary components which manage seal compression. By doing this the panels are never forced off seals during extraordinary weather events.

- Featuring proprietary components which manage seal compression, protecting against strong weather conditions.
- Window rails and sash are aligned for great looking finish.
- 'No trip' feature – square thresholds available to ensure floor finishes internally and externally are at the same level.
- Exceeds the Very High Wind Zone performance requirements of NZS4211:2008.

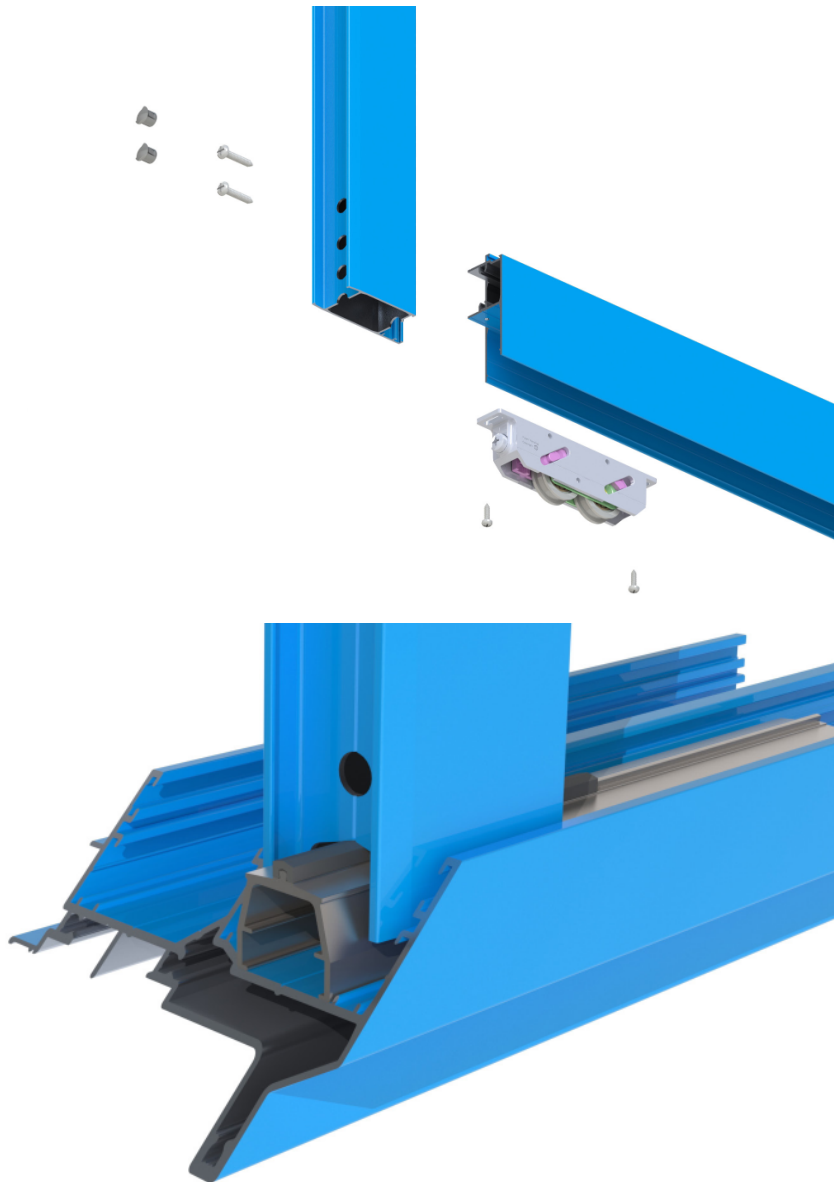


# Features and Benefits

Proprietary track system has been tested with a panel in excess of 300kg with our stainless steel sliding door roller

The polyamide track system in OMEGA's sliding products is very durable. By introducing this track element, we have avoided the issue other suppliers have with surface finishing wearing off the track through excess load and wear

OMEGA® conducted door cycle testing (open and close operations) over 35,000 operations which equates to over 140km at a 300kg panel load



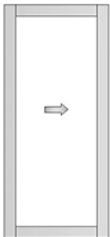


# 303 Series Sliding Windows & 311 Series Sliding Doors

## KEY

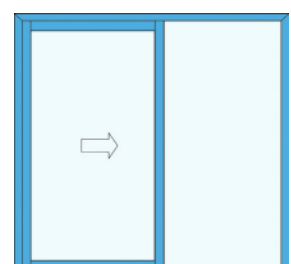
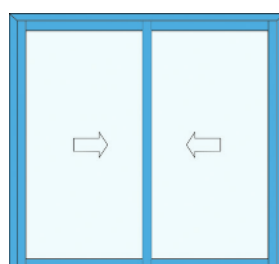
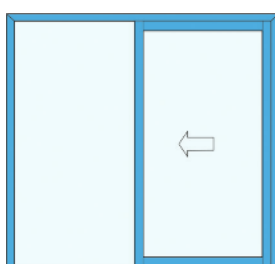
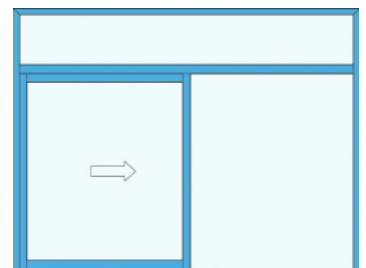
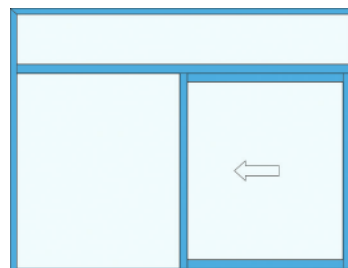
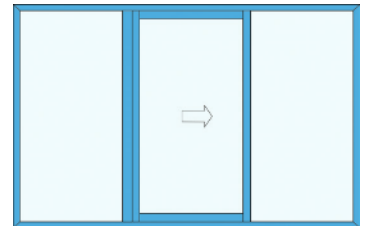
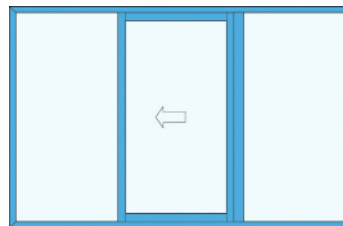
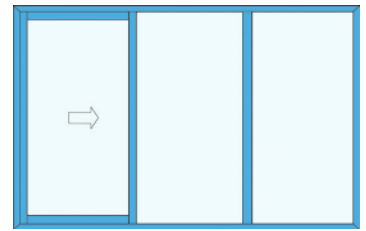
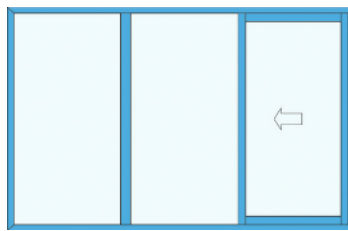


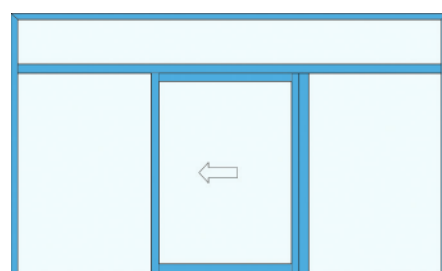
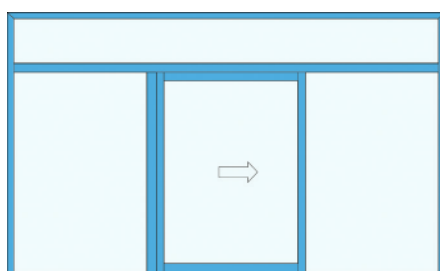
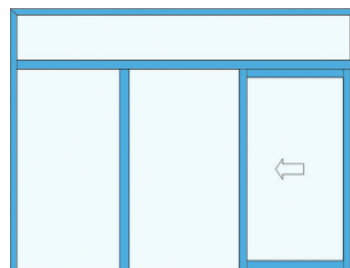
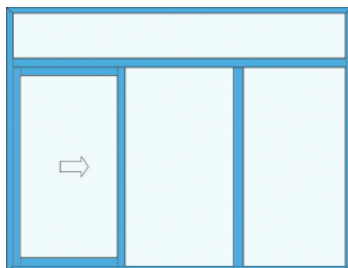
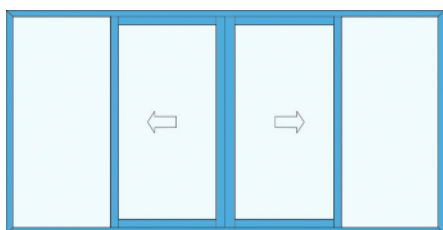
Fixed pane of glass with  
aluminium frame



Arrow indicates  
opening direction

*Window configurations to provide  
you with some design ideas for your  
home.*









## 320 Series Entrance Door Range, Tongue & Groove And Flush Panel

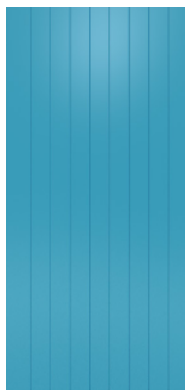
OMEGA® Windows and Doors has a range of innovative, high-quality entrance doors for your home or commercial property. Single or double tongue & groove doors are available in a range of styles.

- OMEGA® Entrance Doors offer both classic and contemporary approaches to your homes entry point. We have a full range of traditional tongue and groove doors that can be assembled at any width\*. These can be provided as a French Door arrangement or single panels. We pride ourselves on leading the industry with cutting-edge design in Entrance Doors and are constantly adding to the range.
- Vertical tongue & groove door panel assemblies with optional 'expressed' glazed inserts.
- Panels are a standard 42mm thickness from interior to exterior.
- 56mm thermal offering is available for Single Tongue & Groove Doors and Flush Panel Doors.

\* Any width 1200 maximum at 2mm increments



## Tongue & Groove Single Doors



TG01



TG02



TG03



TG04



TG05



TG06



TG07



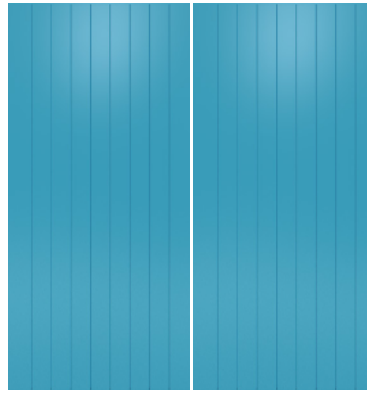
TG08

*Entrance door panel configurations with associated code for ease of ordering with your local OMEGA® manufacturer.*

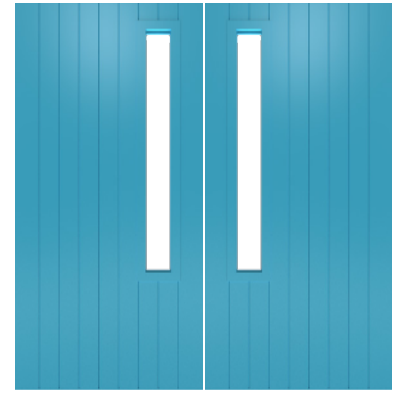


# Tongue & Groove Double Doors

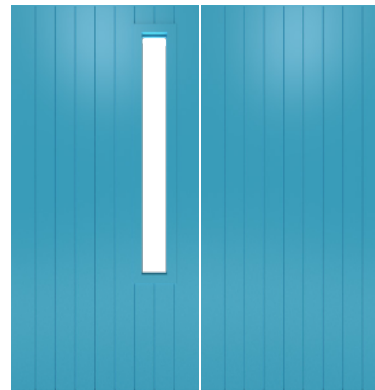
*Entrancedoorpanelconfigurations with associated code for ease of ordering with your local OMEGA® manufacturer.*



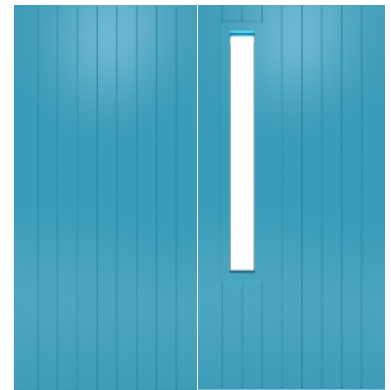
TG01-FDD



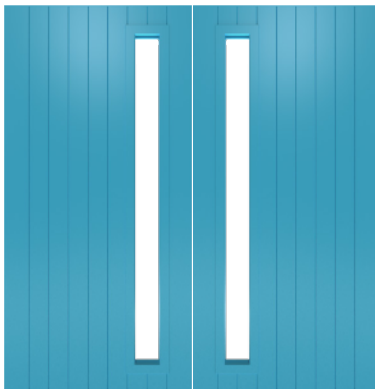
TG02-FDD



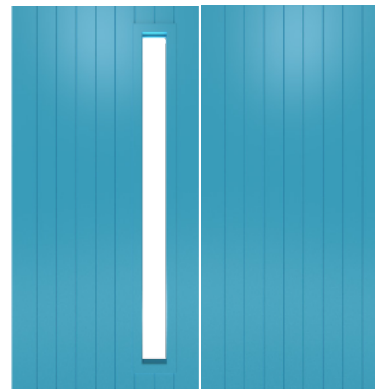
TG02-FDL



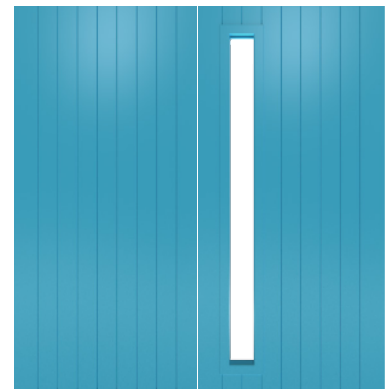
TG02-FDR



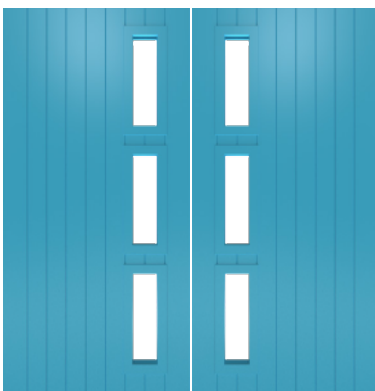
TG03-FDD



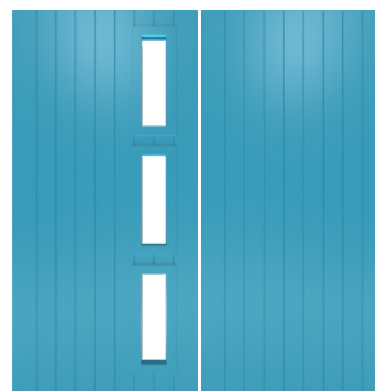
TG03-FDL



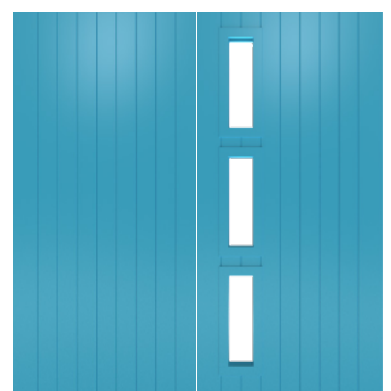
TG03-FDR



TG04-FDD

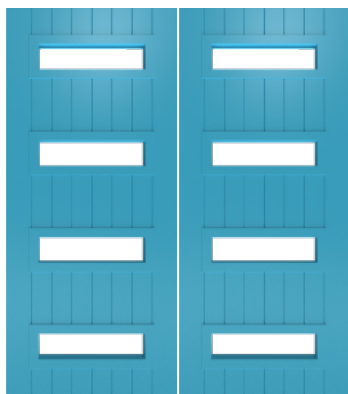


TG04-FDL

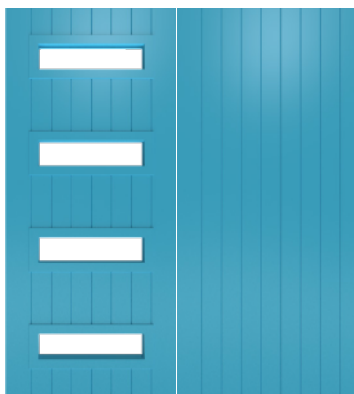


TG04-FDR





TG05-FDD



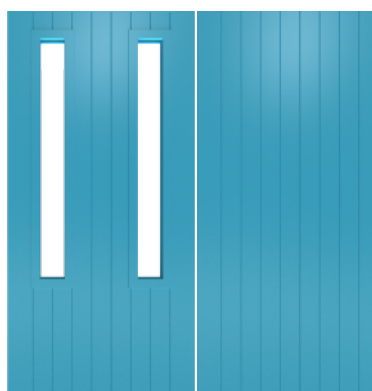
TG05-FDL



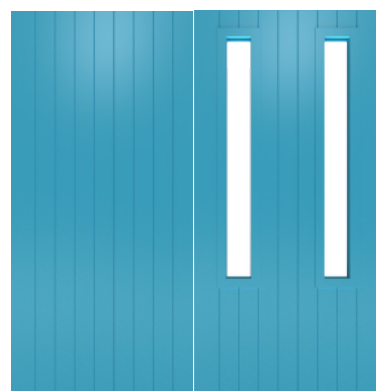
TG05-FDR



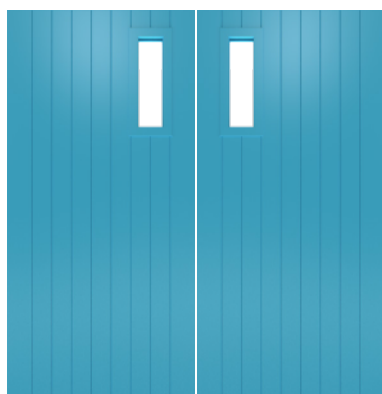
TG06-FDD



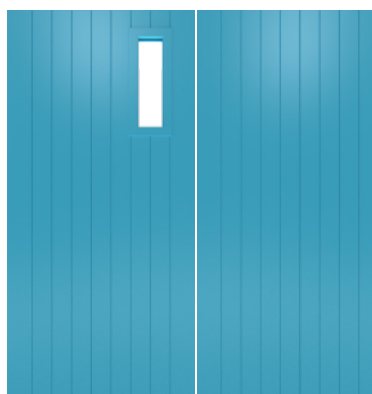
TG06-FDL



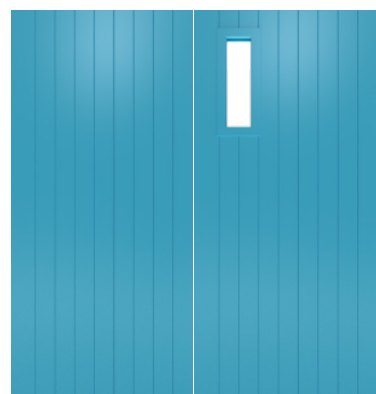
TG06-FDR



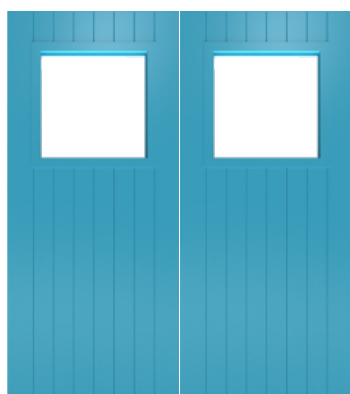
TG07-FDD



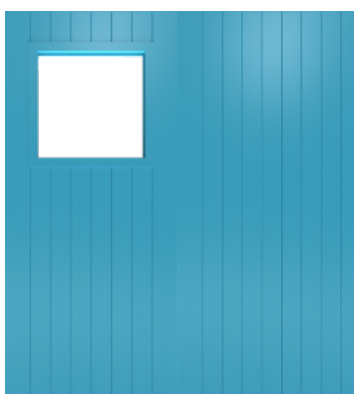
TG07-FDL



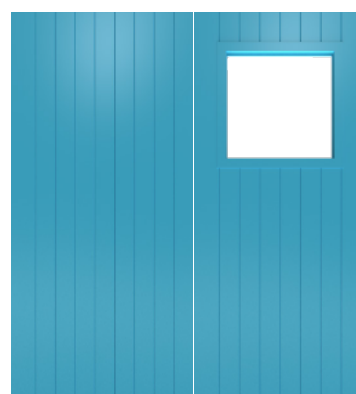
TG07-FDR



TG08-FDD



TG08-FDL



TG08-FDR

# OMEGA<sup>®</sup>

WINDOWS + DOORS

BY MCKECHNIE<sup>®</sup>



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Quality  
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