Joinery Options

Joinery Systems and Options

Southern41™ Thermal System

Window
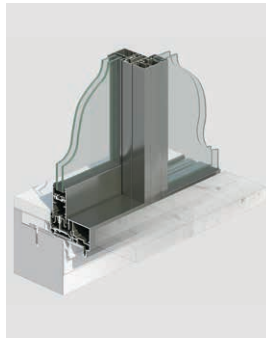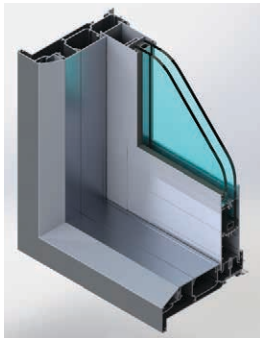Max Sash Size
1.6m x 0.8m

Frame Size 47mm
LW Rebate 57.5mm

Bifold Window
Max Sash Size
1.6m x 0.8m

Frame Size 47mm
LW Rebate 57.5mm

Hinged Door
Max Panel Size
2.4m x 0.9m

Panel Thickness 50mm
Frame Size 47mm
LW Rebate 57.5mm

Bifold Door
Max Panel Size
2.4m x 0.9m

Panel Thickness 50mm
Frame Size 47mm
LW Rebate 57.5mm

French Door
Max Panel Size
2.4m x 0.9m

Panel Thickness 50mm
Frame Size 47mm
LW Rebate 57.5mm

*Not recommended to be used as Bifolds and french doors can have ongoing maintenance issues.

Sliding windows are available they use Sliding Door Bar - all parameters as per below.

Sliding Doors

Ranchslider
Inside Slide

Up to very high wind
Max Panel Size wide style
2.7m x 2.2m
Sash Option
Frame Size 106mm
LW Rebate 116.5mm

Ranchstacker
Inside Slide

Up to very high wind
Max Panel Size wide style
2.7m x 2.2m
Sash Option
Frame Size 106mm
LW Rebate 116.5mm

LevelStep
Inside Slide

Up to very high wind
Max Panel Size wide style
2.7m x 2.2m
Sash Option
Frame Size 106mm
LW Rebate 116.5mm

Euroslider
Outside Slide

Up to extra high wind
Max Panel Size wide style
2.7m x 2.2m
No Sash
Frame Size 96mm
LW Rebate 106.5mm

Eurostacker
Outside Slide

Up to extra high wind
Max Panel Size wide style
2.7m x 2.2m
No Sash
Frame Size 96mm
LW Rebate 106.5mm

Panel Thickness 50mm

Max IGU 25mm

Panel capacity dependent on size, windload and weight. Support bar required when panel over 75kg.

Multistackers available on request. (3 panel bipass/internal stackers): RS Frame Size 160mm, LW Rebate 170.5mm
Euro Frame Size 158mm, LW Rebate 168.5mm
(use MP subframe).

LevelStep sliders are not suitable for beach front properties or extra high wind zones.

---

*Larger sized frames are available on request. Please Contact technical@lockwood.co.nz for advice.

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Tasman35 System

Window
Max IGU 25mm
Frame Size 47mm
LW Rebate 57.5mm

Bifold Window
Max IGU 25mm
Frame Size 47mm
LW Rebate 57.5mm

Hinged Door
Max Panel Size
2.4m x 1.0m
Panel Thickness 41mm
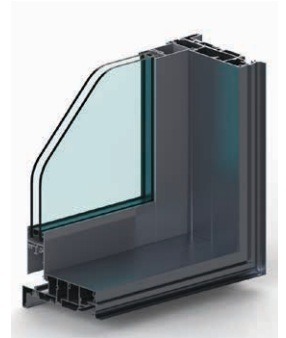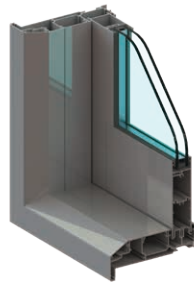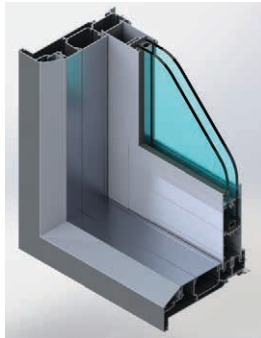Frame Size 47mm
LW Rebate 57.5mm

Bifold Door
Max Panel Size
2.4m x 0.85m
Panel Thickness 45mm
Frame Size 47mm
LW Rebate 57.5mm
(*Alternate Bar Used)

French Door
Max Panel Size
2.4m x 0.9m
Panel Thickness 50mm
Frame Size 47mm
LW Rebate 57.5mm

*Not recommended to be used as Bifolds and french doors can have ongoing maintenance issues.

Sliding windows are available they use Sliding Door Bar - all parameters as per below.

Sliding Doors

Ranchslider™
Inside Slide

Up to very high wind
Max Panel Size wide style
2.4m x 1.5m
Sash Option
Frame Size 47mm
LW Rebate 57.5mm

Ranchstacker™
Inside Slide

Up to very high wind
Max Panel Size wide style
2.4m x 1.5m
Sash Option
Frame Size 94mm
LW Rebate 104.5mm

LevelStep
Inside Slide

Up to very high wind
Max Panel Size wide style
2.4m x 1.5m
Sash Option
Frame Size 94/47mm
LW Rebate 104.5/57.5mm

Euroslider
Outside Slide

Up to extra high wind
Max Panel Size wide style
2.4m x 1.5m
No Sash
Frame Size 94mm
LW Rebate 104.5mm

Eurostacker
Outside Slide

Up to extra high wind
Max Panel Size wide style
2.4m x 1.5m
No Sash
Frame Size 94mm
LW Rebate 104.5mm

Panel Thickness 36mm
Max IGU 25mm
Panel capacity dependent on size, windload and weight. Support bar required when panel over 75kg.
Multistackers available on request. (3 panel bipass/internal stackers - alternate system): Frame Size 159.5mm, LW Rebate 161.5mm.

Pacific41 System to be used in SED wind zones.
LevelStep sliders are not suitable for beach front properties or extra high wind zones.

*Larger sized frames are available on request. Please Contact technical@lockwood.co.nz for advice.

Hardware

Hinged/Entrance Doors

Aria Pinnacle (Std)
- Colourcoded

Acacia Pinnacle
- Colourcoded

Verta Long Plate
Lever (Euro Cylinder)
- Satin Stainless
Steel or PVD Black

Yale Smart Lock 60mm
Backset
- Silver/Black

Yale YDM7220
Digital Door Lock
- Black

Yale Digital Keypad
(Deadbolt)
*Couple with handle of choice

Apex Square Pull Handle
60mm Offset
300/450/600mm
- Brushed Nickel
- Stainless Option

Apex Round Pull
Handle
300/450/600mm
- Brushed Nickel
- Stainless Option

Century
Entrance Set
- Satin Chrome

Plymouth Entrance
Set
- Satin Chrome
- Satin Nickel Plate Option
- Polished Brass Option

Verta Entrance
Pull Handle
- Satin Stainless
Steel or PVD Black

Nitro D Handle 450/600mm
Suitable for Extra High
situations.
- Colourcoded
- Matt Black Option
- Brushed Nickel Option

Sliding Doors

Aria D Handle (Std)
- Colourcoded

Snibbed/Keyed

Verta Offset Pull Handle
- Satin Stainless
Steel or PVD Black

Bifold Doors

Aria Twinbolt
- Colourcoded

Verta Bifold Operator
- Satin Stainless
Steel or PVD Black

Notes: Hardware Parameters
- Lockbody is located 990mm off floor level.
- Handles are installed above this i.e. - Aria D handle will be 1080mm to floor from bottom of handle.

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Hardware

Sliding Window

Doric Flush Pull
DN551 (Std)

- Colourcoded

Aria Endeavour

- Colourcoded

Window Latches

Helix (Std)

- Colourcoded

Verta High Profile

- Satin Stainless Steel
or PVD Black

Verta Low Profile

Use in sliders & stackers
- Satin Stainless Steel or
PVD Black

Pet Doors

Pet-Corp Versatile
Cat Door - White
PC2-W

Pet-Corp Versatile
Dog Door - White
PC3-W

Patio Bolts

Yale Patio Bolt
CYL4 LS

- Colourcoded

Restrictor Stays

Interlock I Assa Abloy
R130
Stainless Steel

Doors

Stellar DOORS

Std Door Width 837mm / Door Panel 40mm
Max Door Width 950mm (Please check as this is selection specific)
Max Height 13 Board Frame
R Values are as-built in Southern41 Thermal frame.

Note: Extra High - clearance issues from required Box Mullion mean pull handles need to be D Handle.

Traditional

SR1	SR2	SR8	SR3	SR4	SR5	SR6	SR7
R0.34	R0.32	R0.30	R0.32	R0.32	R0.31	R0.32	R0.30

Tongue & Groove - Frameless

SR11	SR19	SR20
R0.26	R0.26	R0.26

Tongue & Groove - Frameless

SR9	SR10	SR12
R0.27	R0.26	R0.27

Modern

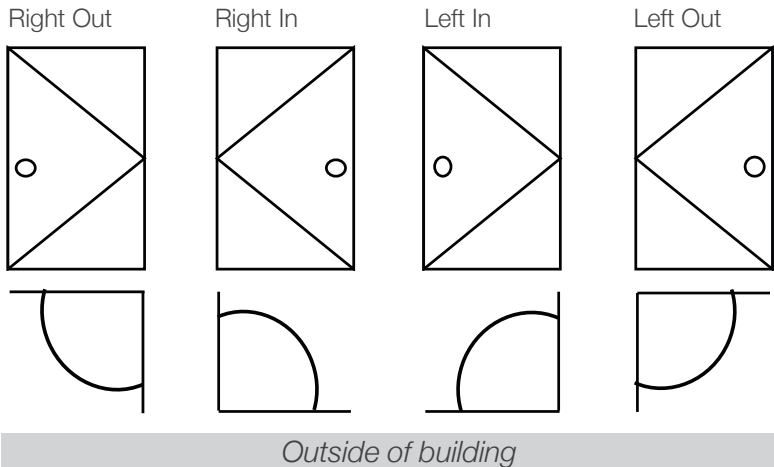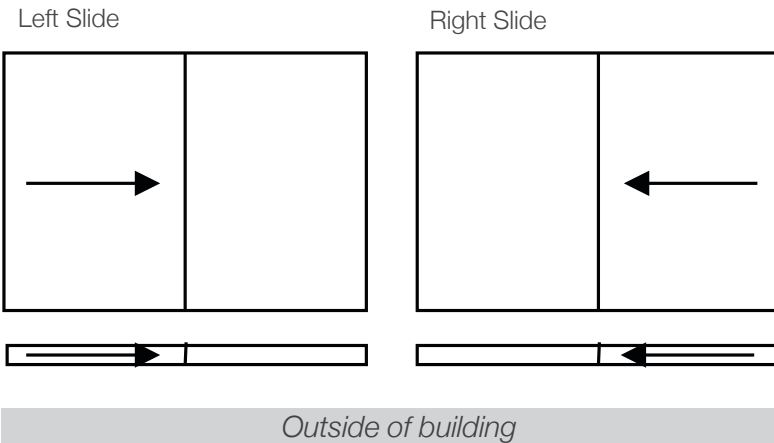| SR13	SR14	SR15	SR16
R0.37	R0.37	R0.37	R0.37

Door Parameters when sourcing alternate supply
- Door Panel can be 40mm or 50mm thick
- Panel size needs to suit board increments. See below:
  Heights (std detailing)
  12 boards - 1955mm
  13 boards - 2127mm
  14 boards - 2299mm
- Width Std 834mm

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Quick Reference

Hinged Doors

Right Out	Right In	Left In	Left Out

Outside of building

Sliding Doors

Left Slide	Right Slide

Outside of building

Locking Options

Deadlock
Lock both sides

Key/Turn
Lock outside with turn inside

Key/Remove Turn (Securiturn)
Snib inside

Patio
Turn inside only

Patio Lock
Deadlock to inside only

Patio RT (Securiturn)
Removable snib inside only

O/A Subframe sizes

E = 516   (3 board)
T = 688   (4 board)
D = 860   (5 board)
J = 1032   (6 board)
H = 1204   (7 board)
N = 1376   (8 board)
R = 1548   (9 board)
Z, P, F = 2083 Full height

Glazing options from METRO

PERFORMANCE GLASS

R-values of window systems as per Table E.1.1.1 of H1/AS1 5th Edition

	Low E Xcel Double Glazing	Low E Xtreme K Double Glazing *
R value achieved with Southern41 Thermal	R0.50	R0.50
R value achieved with Tasman35 - Non Thermal	R0.37	R0.37

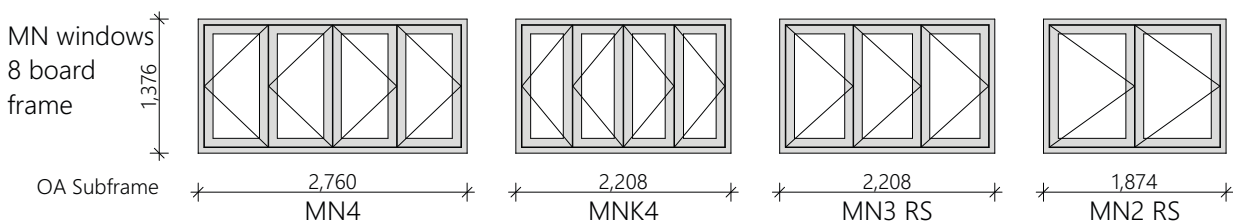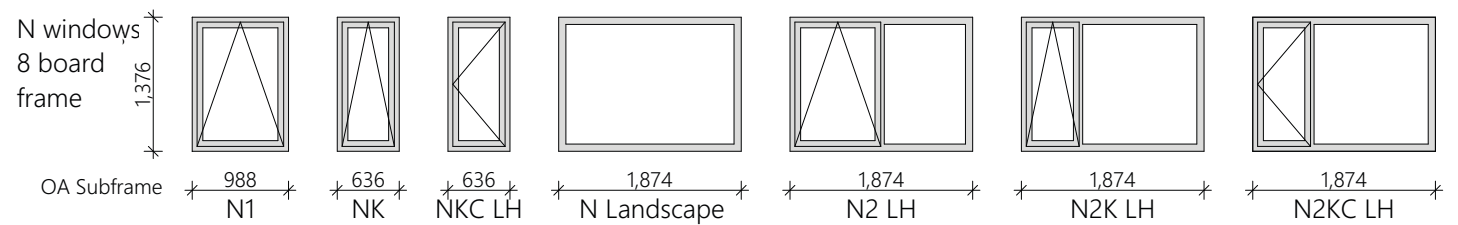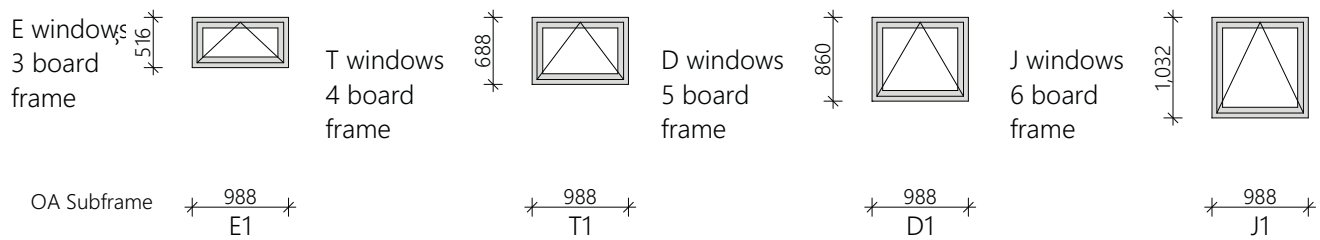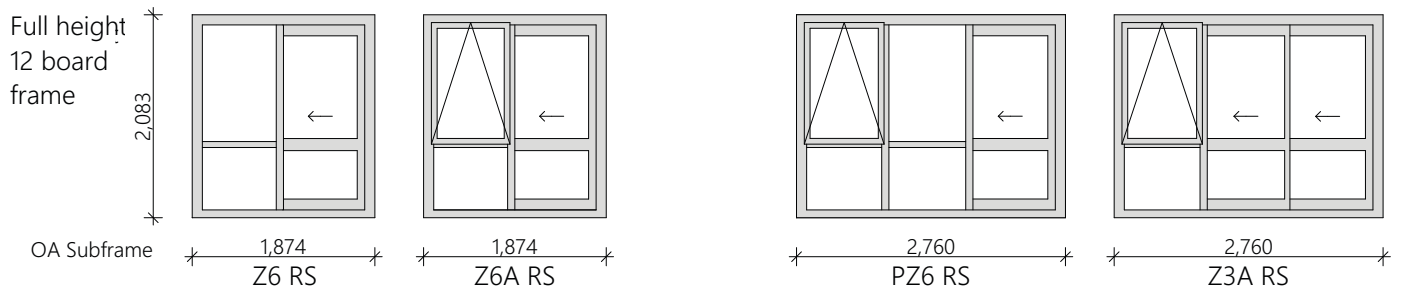* *Cannot be used in conjunction with tinted glass.*

Obscure Glass Options

Stippolite	Etchlite	Cathedral

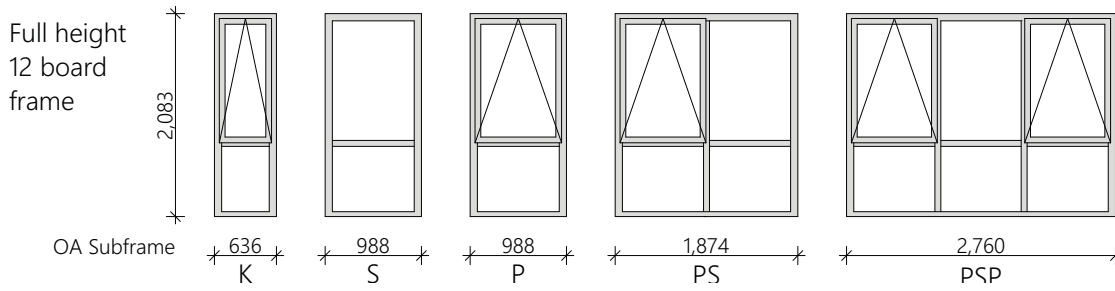## Tinted Glass Options:
Grey, Green, Bronze
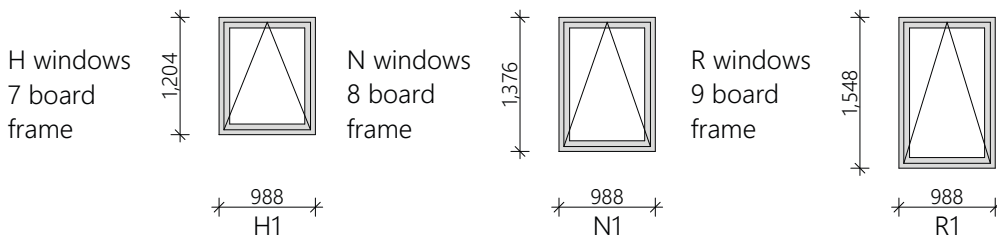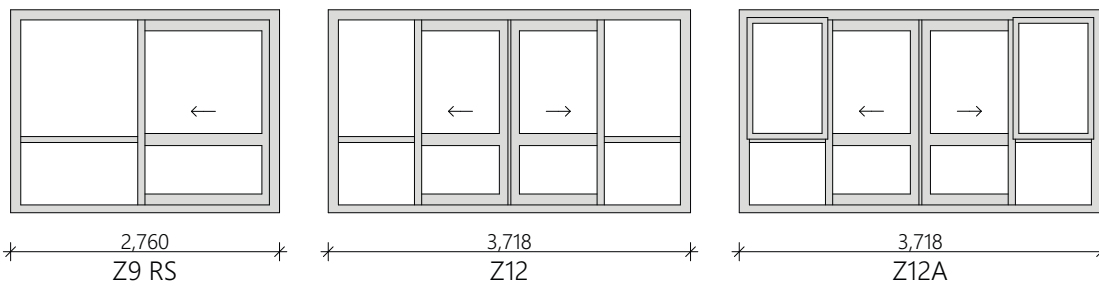
LOCKWOOD
Designed for good

Standard Joinery Suite

Full customisation of joinery configuration is possible as long as the height is in board height increments.

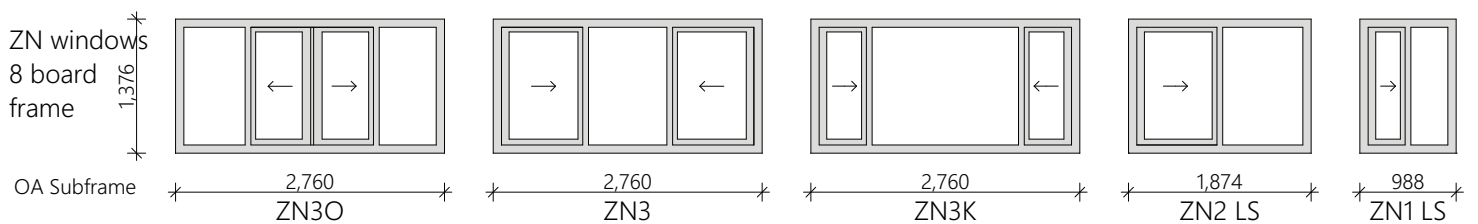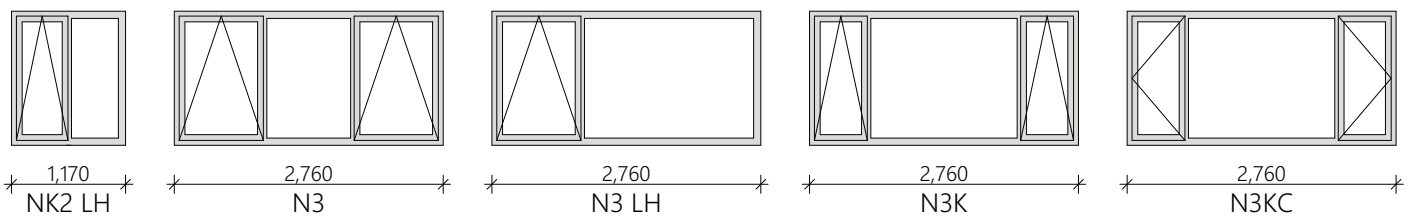## Full height 12 board frame

Supply with entry door
Key outside / Snib inside

2,083

4 point Locking

NOTE:
'B' door dims
837x1957

OA Subframe — 988 — **B**

Full height 12 board frame

2,083

OA Subframe				
1,582	1,582	1,874	1,428	1,874
BK	BS	BP	F14	F18

Full height 12 board frame

2,083

OA Subframe			
1,874	1,874	2,760	2,760
Z6 RS	Z6A RS	PZ6 RS	Z3A RS

E windows 3 board frame

516

T windows 4 board frame

688

D windows 5 board frame

860

J windows 6 board frame

1,032

OA Subframe			
988	988	988	988
E1	T1	D1	J1

N windows 8 board frame

1,376

OA Subframe						
988	636	636	1,874	1,874	1,874	1,874
N1	NK	NKC LH	N Landscape	N2 LH	N2K LH	N2KC LH

MN windows 8 board frame

1,376

OA Subframe			
2,760	2,208	2,208	1,874
MN4	MNK4	MN3 RS	MN2 RS

LOCKWOOD
Designed for good

Full height
12 board
frame

2,083

OA Subframe

| 636 | 988 | 988 | 1,874 | 2,760 |
| K | S | P | PS | PSP |

*Not recommended
to be used as Bifolds
can have ongoing
maintenance issues.

| 1,578 | 2,328 | 3,078 |
| FB RS | FB3 RS | FB4 |

| 2,760 | 3,718 | 3,718 |
| Z9 RS | Z12 | Z12A |

H windows
7 board
frame

1,204

N windows
8 board
frame

1,376

R windows
9 board
frame

1,548

This row of Joinery is also
available in the same options
as the N range.

| 988 | 988 | 988 |
| H1 | N1 | R1 |

| 1,170 | 2,760 | 2,760 | 2,760 | 2,760 |
| NK2 LH | N3 | N3 LH | N3K | N3KC |

ZN windows
8 board
frame

1,376

OA Subframe

| 2,760 | 2,760 | 2,760 | 1,874 | 988 |
| ZN3O | ZN3 | ZN3K | ZN2 LS | ZN1 LS |

AMBIANCE UPVC WINDOW SYSTEM

STÄRKE

For warmer, drier, healthier homes

THE STÄRKE DIFFERENCE

STRONG WARM FRAMES

Strong steel-reinforced uPVC frames to battle against heat transfer and outside noise

KEEP COSY & ENJOY THE VIEW

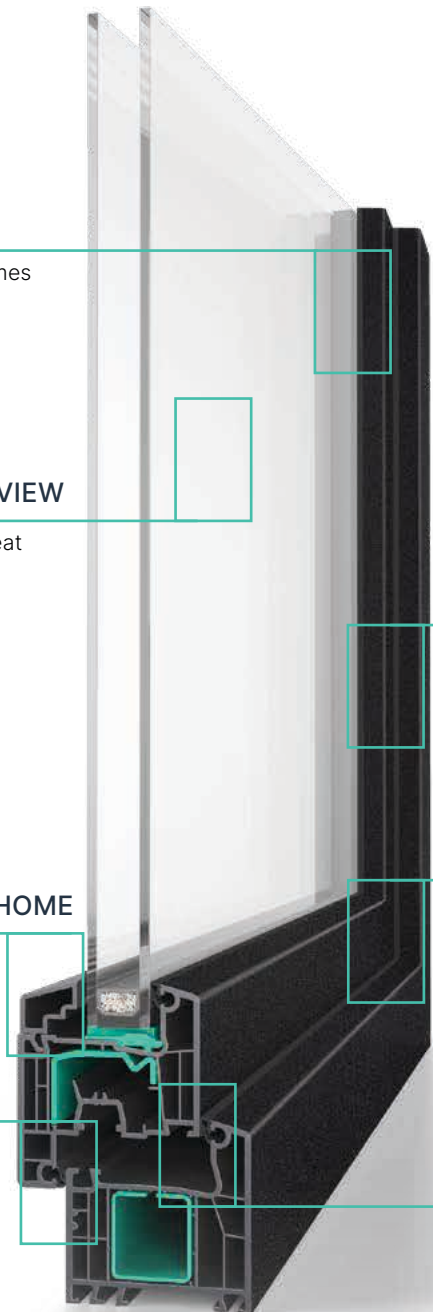Insulating glass units to control heat loss and solar gain with maximum clarity

NO CHANCE FOR LEAKING

Gaskets are co-extruded with the frame profile meaning no path for air, water or sound leakage

QUIET AND COMFORTABLE

Factory welded corners preventing movement and sealing against air, water and sound leakage

FEEL SAFE IN YOUR OWN HOME

Protection from invaders and easy glazing from the inside

EASY TO HEAT AND COOL

Two sealing points which are co-extruded with the frame to prevent any air, water or sound leakage

PROTECT YOUR FAMILY

Premium multi-point locking hardware makes it burglar resistant

LOCKWOOD
Designed for good

WINDOWS

AWNING
Opening sizes:
Max 1400w x 1600h
Min 600w x 600h
*refer to awning size matrix in
Ambiance Specifier Guide
Up to SED Wind Zone

TILT & TURN
Opening sizes:
Max 1600w x 2400h
Min 600w x 600h
Up to SED Wind Zone

SLIDING
Opening sizes:
Max 5800w x 2400h
Min 1200w x 700h
Up to Very High Wind Zone

STACKING
Opening sizes:
Max 5800w x 2400h
Min 1200w x 700h
Up to Very High Wind Zone

DOORS

SINGLE
Opening size
Max 1200w x 2600h
Low sill option
Up to SED Wind Zone

FRENCH
Opening size
Max 2400w x 2600h
Low sill option
Up to SED Wind Zone

SLIDING
Opening sizes:
Max 5800w x 2400h
Min 1200w x 700h
Up to Very High Wind Zone

STACKING
Opening sizes:
Max 5800w x 2400h
Min 1200w x 700h
Up to Very High Wind Zone
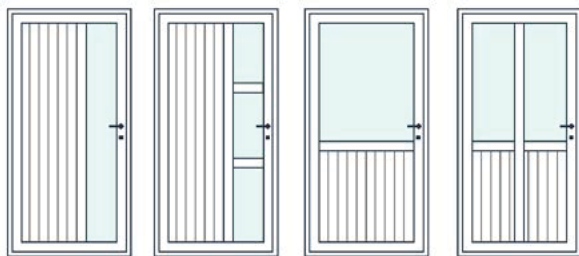
ENTRY DOOR EXAMPLES
Entry doors can be configured from uPVC and
glass combinations.
Max opening size 1200w x 2600h
Up to SED Wind Zone

HARDWARE

VITA LEVER
Suitable for use on:
- Awning Windows

1033 LEVER
Suitable for use on:
- Tilt & Turn
- Sliding
- Stacking

1033 LEVER
Suitable for use on:
- Single Door
- French Door

DIGITAL E-LOK
Suitable for use on:
- Single Door
- French Door

LOCKWOOD
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STÄRKE

starke.co.nz

COLOURS

BLACK

▸ Aludec lamination technology for UV and heat protection

▸ Powdercoat match: Flaxpod

▸ Profile coloured throughout

WHITE

▸ Powdercoat match: Appliance White

▸ UV protection

▸ Profile coloured throughout

GLAZING OPTIONS

Viridian we♥glass

	CLEAR	LIGHTBRIDGE 1.1	PERFORMATECH
R-VALUE	R0.40	R0.74	R0.74
G-VALUE	0.77	0.59	0.38
VLT	88%	79%	72%

R-values are an average for the STARKE Ambaince uPVC system.
Table E1.1.1 of H1/AS1 5th edition specifies R0.69 for uPVC with Lightbridge and Performatech

AMBIANCE SPECIFIERS DESIGN GUIDE

Further information available in the STÄRKE Ambiance Specifiers Design Guide.

Scan QR or Click Here

LOCKWOOD
Designed for good

Lockwood Timber Doors

Lockwood Interior Doors are supplied standard as paint quality preprimed hollow core (RibCore) doors with the 4mm skin. Standard dimensions of 2030mm x 38mm thick for passage doors or 1980mm for some sliding wardrobe doors. Door frames are manufactured in the Lockwood factory and include checkouts for door handles. Doors come complete with hinges, striker plates and door hardware. Stainless hinges are available for seaspray environments. Overheight doors are available with a maximum door height of 14 boards / 2374mm.

Core Options: Hollow and Solid Cores

RibCore (Standard)

Polystyrene RibCore provides a cost effective method of increasing the strength of hollow core doors. RibCore doors have up to 42% glue contact between the core and skin compared to approximately 4% in honeycomb paper core doors. Greater contact between the surface of the core and the door skin leads to a much stronger, flatter, impact resistant door.
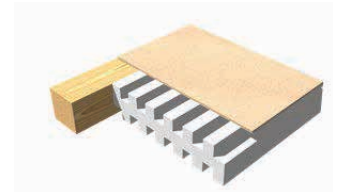
Expanded Polystyrene (EPS) Solid Core (Optional Extra)

As an alternative to a standard heavy solid particle board core door, Superior Doors provides the option of the Premium High Density Solid EPS Polystyrene Core. The High Density EPS Polystyren e Solid Core further enhances thermal insulation, as well as providing even greater impact resistance. The EPS core does all this while being cost effective, safer and easier to handle than traditional solid core doors.
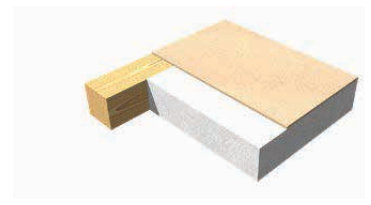
### Moisture Resistant (MR) Particle Board Solid Core (Optional Extra)
*Commercial application

For those who require a door with maximum impact resistance we offer the MR Particle Board solid core option. The MR Particle Board Core is more moisture resistant than standard particle board and is the ultimate core option for strength, durability and is the bes core option for acoustic insulation.

Grooved Door Design (Optional Extra)

AVON
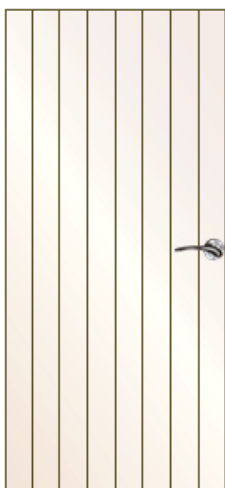
HEADLAND

*Others available refer superiorsdoors.co.nz - the Superior Doors brochure.

Standard Lockwood Interior Doors
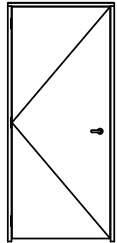
Available in either left hung/right hung.

Available door sizes are: 410, 460, 510, 560, 610, 660, 710, 760, 810, 860, 910mm.

Over height available   13/14 boards.
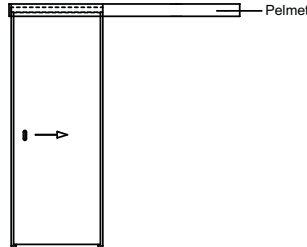
Interior Doors

Hardware - Passage or Privacy set, Hinges

A-Door

Available 410-910mm
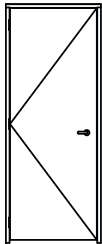
Sliding Doors

Hardware - Flush Pull, Sliding Track
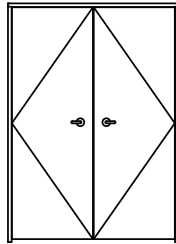
Pelmet

S-Door

Available 610-860mm

Wardrobe Doors

Hardware - Dummy Trims and Hinges
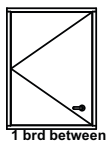
W1

Available 410-810mm

W2

Available 2/410-2/810mm
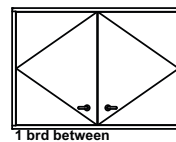
Over Cupboards

Hardware - Dummy Trims and Hinges

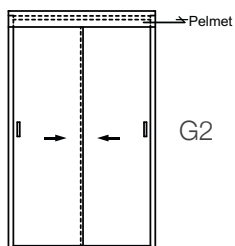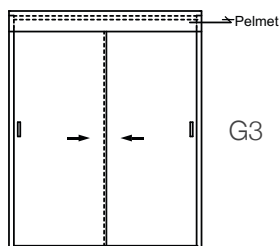1 brd between

TW1

Available 410-810mm

1 brd between

TW2

Available 2/410-2/810mm

Sliding Wardobe Doors

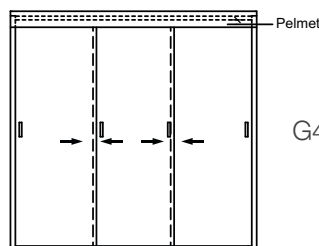Hardware - Flush Pull, Sliding Track

Pelmet

G2

Pelmet

G3

Pelmet

G4

Available 610-810mm

Schlage **Medio Series**

Modern styles for everyday living.

Enhance your home's architectural elements with the Schlage Medio range of modern, contemporary door furniture.

Blending contemporary styling with uncompromising quality, the Medio Series is designed for everyday living. Reflect your own unique design style with a choice of architecturally inspired levers to complement your modern interior design.

Sleek design

- Modern lever designs and finishes
- Built-in privacy push-button for ease of use
- Through-bolt secure fixing concealed by a classic round rose design
- Complementary range of accessories

Durable construction

- Lever and rose constructed of high purity zinc alloy
- High quality electroplated finishes including aged, brushed copper and matt black

Levers

Rivera

Matt Black

Sierra

Matt Black

Flush pull

Matt Black

Rivera*

Aged Brushed Copper

Sierra*

Aged Brushed Copper

Flush pull

Aged Brushed Copper

*Shown as privacy

Material

- Zinc die cast lever and rose
- Brass cap

Functions

- Passage, privacy and dummy trim

Warranty

- 10 year mechanical
- One year finish for Aged Brushed Copper & Matt Black

Schlage **Form Series**

Forward looks for forward thinkers.

Clean lines, crisp edges. Sleek and sophisticated, yet imminently approachable. A modern look with minimal styling means maximum impact.

The Schlage Form Series is beautifully designed contemporary door furniture manufactured in high quality satin stainless steel with a wide range of lever styles to suit all modern day interiors.

Sleek design

- Contemporary lever designs
- Built-in privacy push-button for ease of use
- Through-bolt secure fixing concealed by a classic round rose design

Durable construction

- Solid stainless steel levers and outer ring, die cast inner roses

Levers

Albo

Angelo

Costa ♿

Kanso

Carillo

Picasso

Telo ♿

Material

- Solid stainless steel lever, US304 grade
- Zinc die cast rose

Functions

- Latch furniture, passage, privacy and dummy trim

Warranty

- 10 year mechanical and finish

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LOCKWOOD
Designed for good

ALLEGION™