

ALUMINIUM WINDOWS AND DOORS



A view to the future

HANLON WINDOWS AUSTRALIA PTY LIMITED



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All standard Hanlon timber and aluminium frames have been designed and glazed in accordance with the relevant Australian Standards. For non-standard designs and configurations we recommend you consult your nearest Hanlon Windows Australia Representative.

Our Aluminium window range offers an easy care modern alternative to PVC windows. The top of the range products include the latest innovative designs available in a wide range of colours to suit modern architectural requirements.

All window details and codes used in this size and range brochure are for Hanlon standard sizes. Custom built windows can be made to your specifications as a variation to our standard designs.

Most of the Aluminium range is classed as thermally improved and we also have a series of Thermally Broken windows & doors. This meets the BASIX requirements to help greenhouse emissions.

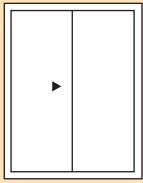
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For further information:

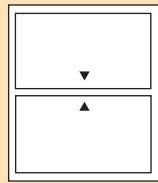
www.hanlonwindows.com.au

sales@hanlonwindows.com.au

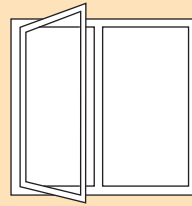
WINDOW STYLES



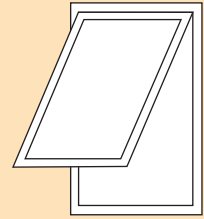
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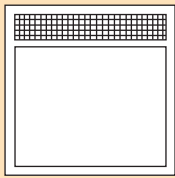
DOUBLE HUNG



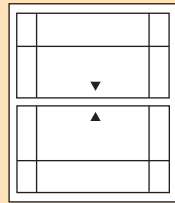
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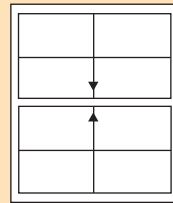
AWNING WINDOW



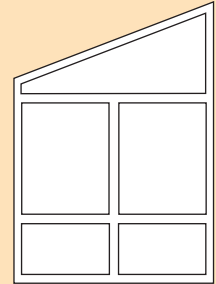
MESH VENT



FEDERATION BAR



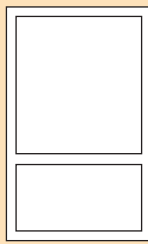
COLONIAL BAR



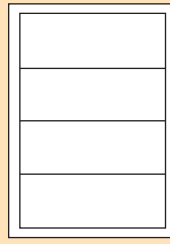
RAKED HEAD WINDOW



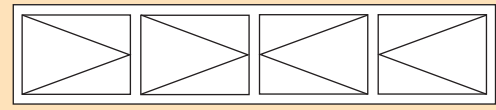
FIXED LIGHT



TRANSOM WINDOW



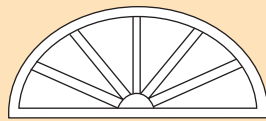
LOUVRE



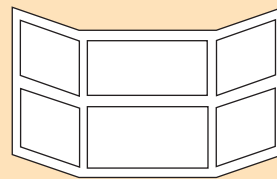
BI-FOLD WINDOWS



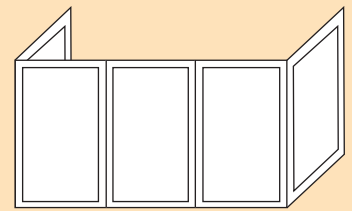
CIRCULAR SPECIALTY WINDOW



SUNBURST



135° BAY WINDOW



90° BAY WINDOW

WINDOW CODES

ALL WINDOWS ARE VIEWED FROM OUTSIDE

EXAMPLE:

The letters at the start of the code indicate the window type (eg. **SF** 1012 - slider fixed).

The first two numbers indicate the approximate height (eg. **SF 1012** - 1029mm high).

The last two numbers indicate the approximate width (eg. **SF 1012** - 1210mm wide).

If there is a letter at the end of the code it indicates the transom or chair rail type (eg. **SF 2112 T**).

D – Double Hung

A – Awning

C – Casement

XF – Sliding door

AL – Louvre

DF – Double Hung/Fixed

AF – Awning/Fixed

CF – Casement Fixed

BF – Bi-fold door



























































































CR – Chair rail

T – Transom

SD – Stacking Sliding Doors

XC – Slider/Clearvent

502 ALUMINIUM SLIDING WINDOWS

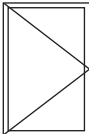
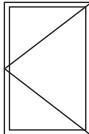
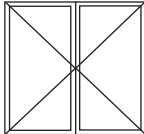
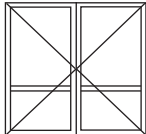
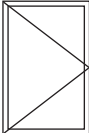
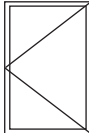
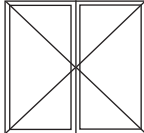
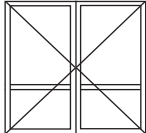
| Stud Opening | | 665 | 905 | 1265 | 1625 | 1865 | 2105 | 2465 | 2705 | 2945 |
|--------------|------------|---|---|---|---|---|--|---|---|---|
| | Frame Size | 610 | 850 | 1210 | 1570 | 1810 | 2050 | 2410 | 2650 | 2890 |
| 655 | 600 |  |  |  |  |  |  |  |  |  |
| | | SF0606 | SF0608 | SF0612 | SF0615 | SF0618 | SFS0621 | SFS0624 | SFS0627 | SFS0630 |
| 910 | 857 |  |  |  |  |  |  |  |  |  |
| | | SF0806 | SF0808 | SF0812 | SF0815 | SF0818 | SFS0821 | SFS0824 | SFS0827 | SFS0830 |
| 990 | 935 |  |  |  |  |  |  |  |  |  |
| | | SF0906 | SF0908 | SF0912 | SF0915 | SF0918 | SFS0921 | SFS0924 | SFS0927 | SFS0930 |
| 1085 | 1029 |  |  |  |  |  |  |  |  |  |
| | | SF1006 | SF1008 | SF1012 | SF1015 | SF1018 | SFS1021 | SFS1024 | SFS1027 | SFS1030 |
| 1255 | 1200 |  * |  |  |  |  |  |  |  |  |
| | | F1206 | SF1208 | SF1212 | SF1215 | SF1218 | SFS1221 | SFS1224 | SFS1227 | SFS1230 |
| 1420 | 1365 |  * |  |  |  |  |  |  |  |  |
| | | F1306 | SF1308 | SF1312 | SF1315 | SF1318 | SFS1321 | SFS1324 | SFS1327 | SFS1330 |
| 1510 | 1457 |  * |  |  |  |  |  |  |  |  |
| | | F1506 | SF1508 | SF1512 | SF1515 | SF1518 | SFS1521 | SFS1524 | SFS1527 | SFS1530 |
| 1855 | 1800 |  * |  |  |  |  |  |  |  |  |
| | | F1806T | SF1808T | SF1812T | SF1815T | SF1818T | SFS1821T | SFS1824T | SFS1827T | SFS1830T |
| 1985 | 1930 |  * |  |  |  |  |  |  |  |  |
| | | F1906T | SF1908T | SF1912T | SF1915T | SF1918T | SFS1921T | SFS1924T | SFS1927T | SFS1930T |
| 2110 | 2057 |  * |  |  |  |  |  |  |  |  |
| | | F2106T | SF2108T | SF2112T | SF2115T | SF2118T | SFS2121T | SFS2124T | SFS2127T | SFS2130T |

STANDARD SIZES

* Denotes window too narrow for sliding sash

■ Vent locks available (centre shaft)

549/548 HINGED DOORS

| Stud Opening | | 955 | 955 | 1855 | 1855 |
|----------------|----------------|---|---|--|---|
| | Frame Size | 900 | 900 | 1800 | 1800 |
| 2145 (2445) | 2104 (2400) |  |  |  |  |
| | | LEH2109 | REH2109 | EHH2118 | EHH2118CR |
| | |  |  |  |  |
| | | LIH2109 | RIH2109 | IHH2118 | IHH2118CR |

■ LEH - Left Hand Hinge - External Swing (open out)

■ REH - Right Hand Hinge - External Swing (open out)

■ EHH - External Swing (open out)

■ 549 has double rebate can accommodate Flydoor

■ LIH - Left Hand Hinge - Internal Swing (open in)

■ RIH - Right Hand Hinge - Internal Swing (open in)






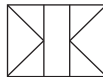





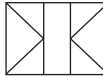



















■ IHH - Internal Swing (open in)

■ 2400 high doors available on request

■ Parliament Hinges available

■ 'H' pattern motif (perforated)

516/517 ALUMINIUM CASEMENT







































































| Stud Opening | | 665 | 1265 | 1625 | 1865 | 2105 | 2465 | 2705 | | |
|--------------|------------|---|--|---|---|---|--|--|--|---|
| | Frame Size | 610 | 1210 | 1570 | 1810 | 2050 | 2410 | 2650 | | |
| 655 | 600 |  C0606 |  CF0612 |  CF0615 |  CF0618 |  CFC0621 |  CFC0624 |  FCF0627 | | |
| 990 | 935 |  C0906 |  CF0912 |  CF0915 | 600 Wide Sashes | |  CFC0921 |  CFC0924 |  CFC0927 | |
| 1085 | 1029 |  C1006 |  CF1012 |  CF1015 | 600 Wide Sashes | |  CFC1021 |  CFC1024 | 600 Wide Sashes | |
| 1255 | 1200 |  C1206 |  CF1212 | 600 Wide Sashes | |  CFC1221 | 600 Wide Sashes | | | |
| 1420 | 1365 |  C1306 |  CF1312 | 600 Wide Sashes | | <div>NOTE: Due to Australian Wind Load requirements Sash width is restricted to 600mm</div> <div>OPTIONAL VARIATIONS<ul style="list-style-type: none">■ CF are also available as CC's■ CFC are also available as FCF, CCC■ Hand of Sash can be reversed■ Fly Screens not available to series 516</div> | | | | |
| 1855 | 1800 |  C1806T |  CF1812T | 600 Wide Sashes | | | | | |  CFC1821T |
| 1995 | 1930 |  C1906T |  CF1912T | 600 Wide Sashes | | | | | |  CFC1921T |
| 2110 | 2057 |  C2106T |  CF2112T | 600 Wide Sashes | | | | | | |

NOTE:
Due to Australian Wind Load requirements Sash width is restricted to 600mm

OPTIONAL VARIATIONS






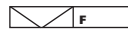
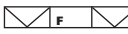





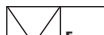
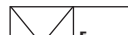
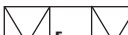
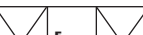














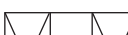
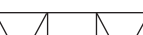




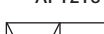
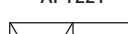
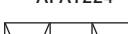
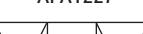




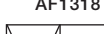
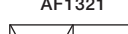
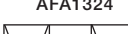
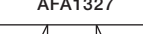




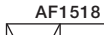
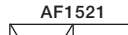
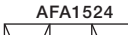





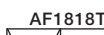
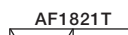
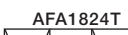
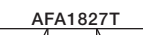




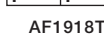
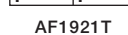
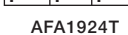
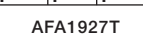
- CF are also available as CC's
- CFC are also available as FCF, CCC
- Hand of Sash can be reversed
- Fly Screens not available to series 516

514 ALUMINIUM DOUBLE HUNG

| Stud Opening | | | | | | | | | | | |
|--------------|------------|---|---|---|---|---|---|---|---|---|---|
| | Frame Size | 665 | 905 | 1265 | 1265 | 1625 | 1625 | 1865 | 1865 | 2465 | 2705 |
| | | 610 | 850 | 1210 | 1210 | 1570 | 1570 | 1810 | 1810 | 2410 | 2650 |
| 990 | 935 |  |  |  |  |  |  |  |  |  |  |
| | | D0906 | D0908 | DD0912 | DF0912 | DD0915 | DF0915 | DD0918 | DF0918 | DFD0924 | DFD0927 |
| 1085 | 1029 |  |  |  |  |  |  |  |  |  |  |
| | | D1006 | D1008 | DD1012 | DF1012 | DD1015 | DF1015 | DD1018 | DF1018 | DFD1024 | DFD1027 |
| 1255 | 1200 |  |  |  |  |  |  |  |  |  |  |
| | | D1206 | D1208 | DD1212 | DF1212 | DD1215 | DF1215 | DD1218 | DF1218 | DFD1224 | DFD1227 |
| 1420 | 1365 |  |  |  |  |  |  |  |  |  |  |
| | | D1306 | D1308 | DD1312 | DF1312 | DD1315 | DF1315 | DD1318 | DF1318 | DFD1324 | DFD1327 |
| 1510 | 1457 |  |  |  |  |  |  |  |  |  |  |
| | | D1506 | D1508 | DD1512 | DF1512 | DD1515 | DF1515 | DD1518 | DF1518 | DFD1524 | DFD1527 |
| 1855 | 1800 |  |  |  |  |  |  |  |  |  |  |
| | | D1806 | D1808 | DD1812 | DF1812 | DD1815 | DF1815 | DD1818 | DF1818 | DFD1824 | DFD1827 |
| 2110 | 2057 |  |  |  |  |  |  |  |  |  |  |
| | | D2106 | D2108 | DD2112 | DF2112 | DD2115 | DF2115 | DD2118 | DF2118 | DFD2124 | DFD2127 |

■ Transom Type ■ Federation Bars ■ Colonial Bars ■ Motif on fixed panel of 1800/2057 high windows

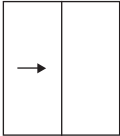
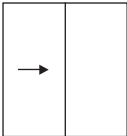
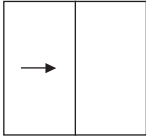
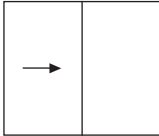
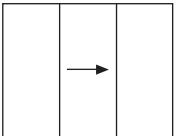
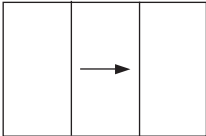
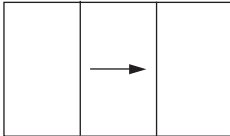
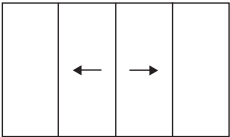
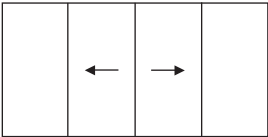
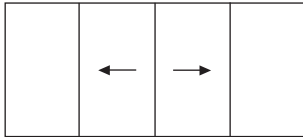
516/517 ALUMINIUM AWNING WINDOWS

| Stud Opening | | 665 | 905 | 1265 | 1625 | 1865 | 2105 | 2465 | 2705 |
|--------------|------------|---|---|---|---|---|---|---|---|
| | Frame Size | 610 | 850 | 1210 | 1570 | 1810 | 2050 | 2410 | 2650 |
| 655 | 600 |  |  |  |  |  |  |  |  |
| | | A0606 | A0608 | AF0612 | AF0615 | AF0618 | AF0621 | AFA0624 | AFA0627 |
| 990 | 935 |  |  |  |  |  |  |  |  |
| | | A0906 | A0908 | AF0912 | AF0915 | AF0918 | AF0921 | AFA0924 | AFA0927 |
| 1085 | 1029 |  |  |  |  |  |  |  |  |
| | | A1006 | A1008 | AF1012 | AF1015 | AF1018 | AF1021 | AFA1024 | AFA1027 |
| 1255 | 1200 |  |  |  |  |  |  |  |  |
| | | A1206 | A1208 | AF1212 | AF1215 | AF1218 | AF1221 | AFA1224 | AFA1227 |
| 1420 | 1365 |  |  |  |  |  |  |  |  |
| | | A1306 | A1308 | AF1312 | AF1315 | AF1318 | AF1321 | AFA1324 | AFA1327 |
| 1510 | 1457 |  |  |  |  |  |  |  |  |
| | | A1506 | A1508 | AF1512 | AF1515 | AF1518 | AF1521 | AFA1524 | AFA1527 |
| 1855 | 1800 |  |  |  |  |  |  |  |  |
| | | A1806T | A1808T | AF1812T | AF1815T | AF1818T | AF1821T | AFA1824T | AFA1827T |
| 1985 | 1930 |  |  |  |  |  |  |  |  |
| | | A1906T | A1908T | AF1912T | AF1915T | AF1918T | AF1921T | AFA1924T | AFA1927T |
| 2110 | 2057 |  |  |  |  |  |  |  |  |
| | | A2106T | A2108T | AF2112T | AF2115T | AF2118T | AF2121T | AFA2124T | AFA2127T |

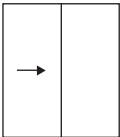
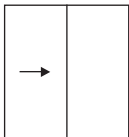
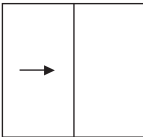
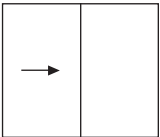
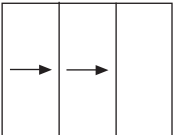
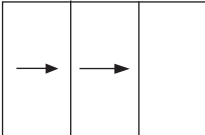
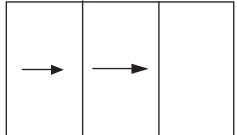
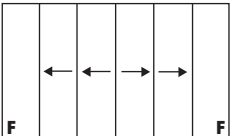
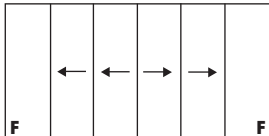
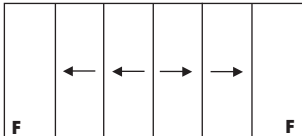
NOTE: keyed chainwinder supplied in black as standard stainless steel chain

■ Minimum width & height 450mm

541 ALUMINIUM SLIDING DOORS

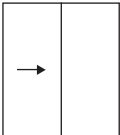
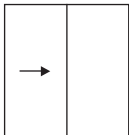
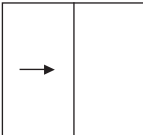
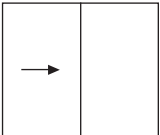
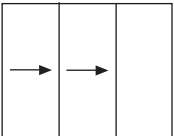
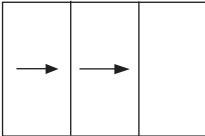
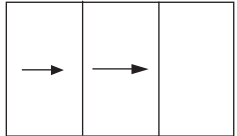
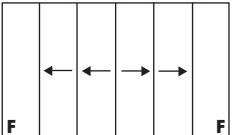
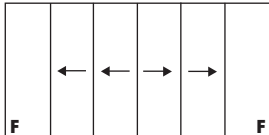
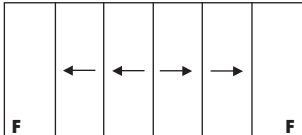
| Stud Opening | | 1575 | 1870 | 2175 | 2470 |
|----------------|----------------|---|--|---|---|
| | Frame Size | 1520 | 1814 | 2120 | 2414 |
| 2145 (2445) | 2104 (2400) |  |  |  |  |
| | | XF2115 | XF2118 | XF2121 | XF2124 |
| Stud Opening | | 2780 | 3240 | 3680 | |
| | Frame Size | 2726 | 3185 | 3626 | |
| 2145 (2445) | 2104 (2400) |  |  |  | |
| | | FXF2127 | FXF2131 | FXF2136 | |
| Stud Opening | | 3640 | 4255 | 4840 | |
| | Frame Size | 3587 | 4199 | 4787 | |
| 2145 (2445) | 2104 (2400) |  |  |  | |
| | | FXXF2135 | FXXF2142 | FXXF2148 | |

542 ALUMINIUM STACKING DOORS

| Stud Opening | | 1870 | 2185 | 2470 | 2780 |
|----------------|----------------|---|--|---|---|
| Frame Size | | 1814 | 2120 | 2414 | 2726 |
| 2145 (2445) | 2104 (2400) |  |  |  |  |
| | | SD2118XF | SD2121XF | SD2124XF | SD2127XF |
| Stud Opening | | 2780 | 3240 | 3680 | |
| Frame Size | | 2726 | 3185 | 3626 | |
| 2145 (2445) | 2104 (2400) |  |  |  | |
| | | SD2127XXF | SD2131XXF | SD2136XXF | |
| Stud Opening | | 3640 | 4255 | 4840 | |
| Frame Size | | 3587 | 4199 | 4787 | |
| 2145 (2445) | 2104 (2400) |  |  |  | |
| | | SD2135FXXXXF | SD2142FXXXXF | SD2148FXXXXF | |

618 ALUMINIUM STACKING DOORS

XC = CLEAR VENT WINDOW IN FIXED DOOR PANEL

| Stud Opening | | 1870 | 2185 | 2470 | 2780 |
|----------------|----------------|---|--|---|---|
| Frame Size | | 1814 | 2120 | 2414 | 2726 |
| 2145 (2745) | 2104 (2700) |  |  |  |  |
| | | SD2118XF | SD2121XF | SD2124XF | SD2127XF |
| Stud Opening | | 2780 | 3240 | 3680 | |
| Frame Size | | 2726 | 3185 | 3626 | |
| 2145 (2745) | 2104 (2700) |  |  |  | |
| | | SD2127XXF | SD2131XXF | SD2136XXF | |
| Stud Opening | | 3640 | 4255 | 4840 | |
| Frame Size | | 3587 | 4199 | 4787 | |
| 2145 (2745) | 2104 (2700) |  |  |  | |
| | | SD2135FXXXXF | SD2142FXXXXF | SD2148FXXXXF | |

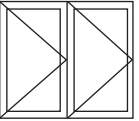
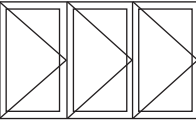
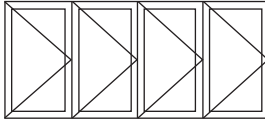
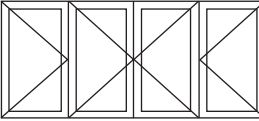




STANDARD ON DOORS

- Keyed Dead Locks
- Toughened Glass
- Motif

OPTIONAL VARIATIONS

- Up to 12000 wide
- 2700 high
- Low E Glass & Double Glazing
- Opposite Hands available on request

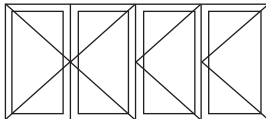
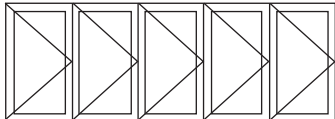
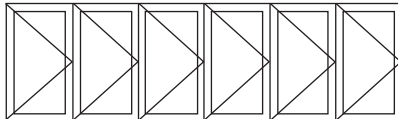


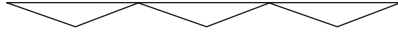
NOTE 541: Maximum panel width available - 1200
 542: Maximum panel width available - 1350
 618: Maximum panel width available - 1500
 Larger doors available in commercial range

| Stud Opening | | 1575 | 2470 | 3240 | 3240 |
|----------------|----------------|---|---|--|---|
| | Door Size | 1520 | 2414 | 3185 | 3185 |
| 2145 (2445) | 2104 (2400) |  |  |  |  |
| | | BF2115-2L | BF2124-3L | BF2131-4L | BF2131-2L/2R |
| | |  |  |  |  |

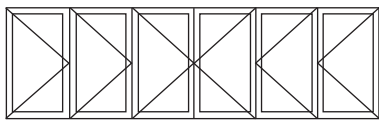
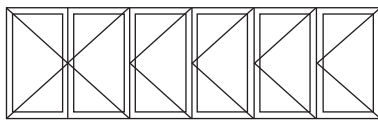
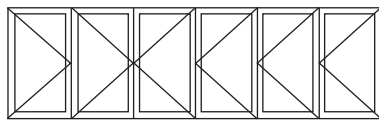



This configuration cannot be opened from the outside as there is no swinging leaf

This configuration cannot be opened from the outside as there is no swinging leaf

This configuration cannot be opened from the outside as there is no swinging leaf

| Stud Opening | | 3240 | 3680 | 4840 |
|----------------|----------------|---|--|---|
| | Door Size | 3185 | 3626 | 4787 |
| 2145 (2445) | 2104 (2400) |  |  |  |
| | | BF2131-1L/3R | BF2136-5L | BF2148-6L |
| | |  |  |  |

This configuration cannot be opened from the outside as there is no swinging door

| Stud Opening | | 4840 | 4840 | 4840 |
|----------------|----------------|---|--|---|
| | Door Size | 4787 | 4787 | 4787 |
| 2145 (2445) | 2104 (2400) |  |  |  |
| | | BF2148-3L/3R | BF2148-1L/5R | BF2148-2L/4R |
| | |  |  |  |


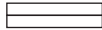

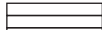

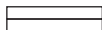

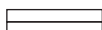



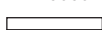

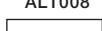
This configuration cannot be opened from the outside as there is no swinging door















NOTE:

Hardware and door furniture is standard in black and white. Special colours available on request.

- Maximum door panel width is 900mm
- Configurations over 60kgs are site glazed
- Opposite hand and special size assemblies available on request

- Recessed sill available
- Motif standard
- Wider doors available in 410 series
- Maximum overall width 5350mm
- S1 Retractable Screens available

| Stud Opening | Frame Size | 665 | 905 | No. of Blades |
|--------------|------------|---|---|---------------|
| | | 610 | 850 | |
| 409 | 354 |  |  | 2 |
| | | AL0306 | AL0308 | |
| 549 | 494 |  |  | 3 |
| | | AL0406 | AL0408 | |
| 689 | 634 |  |  | 4 |
| | | AL0606 | AL0608 | |
| 829 | 774 |  |  | 5 |
| | | AL0706 | AL0708 | |
| 969 | 914 |  |  | 6 |
| | | AL0806 | AL0808 | |
| 1109 | 1054 |  |  | 7 |
| | | AL1006 | AL1008 | |
| 1249 | 1194 |  |  | 8 |
| | | AL1106 | AL1108 | |

| Stud Opening | Frame Size | 665 | 905 | No. of Blades |
|--------------|------------|---|---|---------------|
| | | 610 | 850 | |
| 1389 | 1334 |  |  | 9 |
| | | AL1306 | AL1308 | |
| 1529 | 1474 |  |  | 10 |
| | | AL1406 | AL1408 | |
| 1669 | 1614 |  |  | 11 |
| | | AL1506 | AL1508 | |
| 1809 | 1754 |  |  | 12 |
| | | AL1706 | AL1708 | |
| 1949 | 1894 |  |  | 13 |
| | | AL1806 | AL1808 | |
| 2089 | 2034 |  |  | 14 |
| | | AL2006 | AL2008 | |
| 2229 | 2174 |  |  | 15 |
| | | AL2106 | AL2108 | |

NOTE:

Heights of Louvres windows are set to accommodate full size blades 152mm. Sizes do not always match Hanlon standard heights. Matching heights including fixed blade available on request.

■ 102mm available on request at a different size ■ Laminated blades not available ■ Keylocks optional

IMPORTANT: Be sure to nominate colour of louvre mechanics at time of order.

S1 RETRACTABLE SCREENS

S1E Eco-Screen - Max frame size

| | |
|----------------------|----------------------|
| Single System | |
| Insectscreen | 3.2m (H) x 3.9m (W) |
| Blind | 2.45m (H) x 3.9m (W) |
| Double System | |
| Insectscreen | 3.2m (H) x 7.6m (W) |
| Blind | 2.45m (H) x 7.6m (W) |
| Multi-fuction System | 2.45m (H) x 3.9m (W) |

The S1E Eco-Screen™ from Centor Architectural is a revolutionary product providing eco-friendly retractable insect screening and solar control with fingertip operation. This product is the evolution of Centor's award-winning S1 Insect Screen.

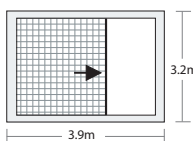
S1E allows homeowners to have complete control of their living environment. Used singly or paired together S1E is ready for use whatever the season or time of day. S1E retracts horizontally and discreetly into its frame when not in use – a revolutionary solution for those who refuse to compromise on style.

On openings up to 3.9m wide either single or multi-function options are available.

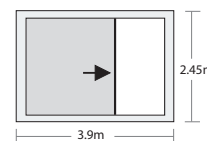
Where a single function is required choose from insect screen or sun filter fabric. For a multi-function option select both fabrics to create a two-in-one screening solution.

Create a multi-function system using sun filter and insect fabrics to provide solar control in the mornings and prevent insects entering the home in the evenings.

Single Function System

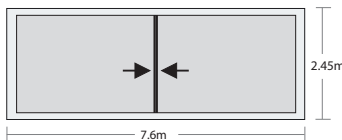


Option 1 - Screen from right or left

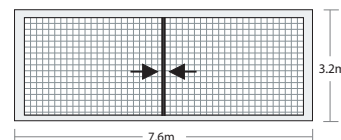


Option 2 - Blind from right or left

Double System

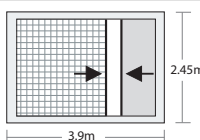


Option 1 - Blind from right or left

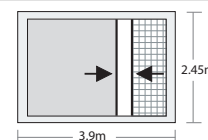


Option 2 - Screen from right or left

Multi-function System

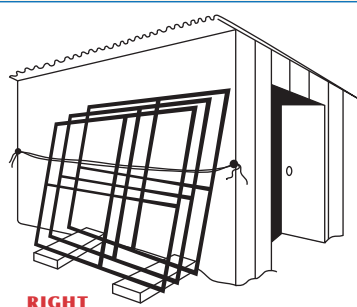


Option 1 - screen from left, blind from right



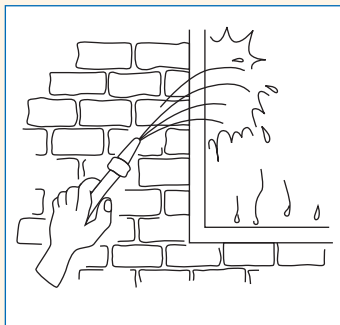
Option 2 - screen from right, blind from left

RECOMMENDED STORAGE AND CLEANING INFORMATION



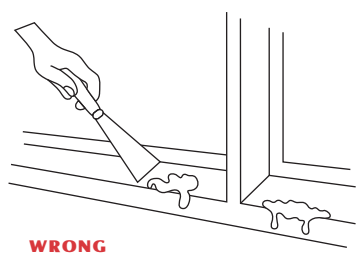
RIGHT

If windows and/or doors are to be stored on site they should be in a secure clean dry area away from cement, lime, paint, acid etc. as these items may damage the finish. During installation they must be protected from building fall-out such as wet plaster, mortar, paint and welding splatter. Wet plaster and mortar should be removed immediately and soiled area washed down with ample quantities of clean water.



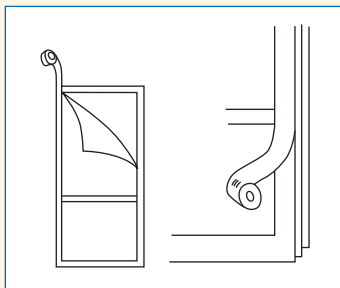
Acid used for cleaning brickwork must be prevented from getting onto aluminium. Should this occur the acid must immediately be washed off with clean water.

This is the most common cause of permanent damage to the finish.



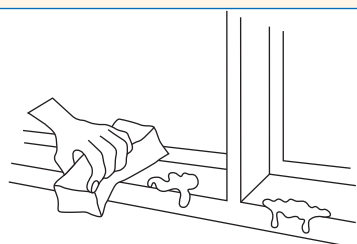
WRONG

If you have to scrape off dry cement or mortar droppings the surface will almost certainly be damaged.



Tapes or coatings used to protect exposed surfaces must be removed carefully. Lengthy exposure to sunlight can make them difficult to remove.

Door tracks and window sills should be protected from planks, scaffolding and barrows.



RIGHT (sponge & water)

Use a sponge and lots of clean water to remove cement and mortar before it sets and causes permanent damage to paint or anodised finishes.

WINDOW BUILDING – IN DETAIL

RECOMMENDED INSTALLATION INSTRUCTIONS FOR ALUMINIUM WINDOWS

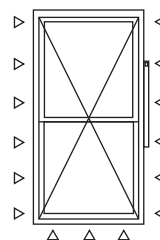
Fix the window to structure with steel building-in lugs or nails, shim as indicated.

Installation of windows to be in accordance with Australian Standard AS 2048.

Suggested installation steps:

1. If flashing is required fit the flashing to sill.
2. Fit shims on sill plate/slab on meeting stile or mullion centre line and at 450mm maximum centres. Make sure these shims are level.
3. Install the frame into the opening.
4. Fit shims on jambs making sure that frame is plumb and square, measure frame across diagonals to check for square.
5. Fix the frame to structure by nailing through timber reveals. Make sure that frame is not twisted. Alternative – On solid brick construction fit galvanised M.S. building-in lugs at 450mm maximum centres.
6. Take care that head, sill and/or jamb are not dished or bowed during construction.
7. Make sure the sill reveal is fully supported, if necessary use additional shims. Failure to do so may result in defective sash operation.
8. Cement mortar droppings can permanently damage aluminium. Remove cement as soon as possible.
9. Leave at least 10mm gap between sill brick and frame to allow for possible future building settlement.
10. On brick veneer construction there should be at least a 12mm gap between timber header and aluminium frame.
11. Aluminium windows are not designed to support eaves linings.

DOUBLE-HUNG WINDOW

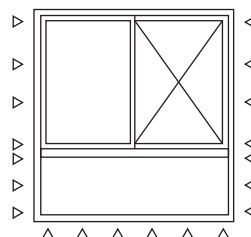


Check measure diagonals during installation.

Building-in lugs at approx. 450mm maximum centres.

On double-hung windows ensure jambs are plumb and straight.

TRANSOM WINDOWS

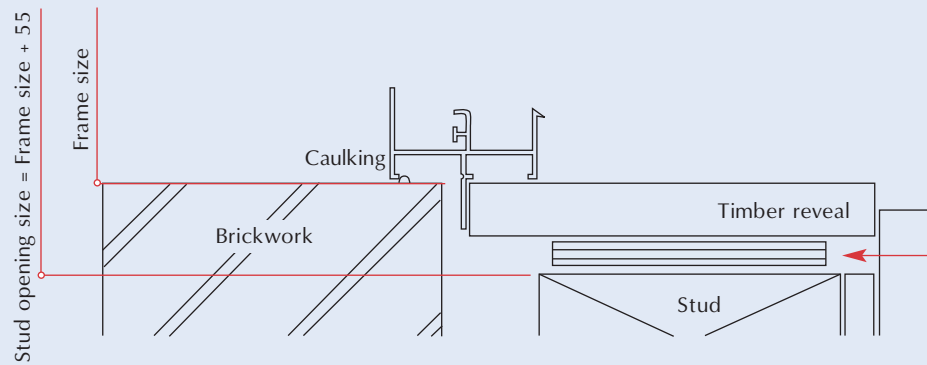


Double fix at transoms.

Important Note:

If you install windows out of square or without sufficient shims the opening sashes won't perform satisfactorily.

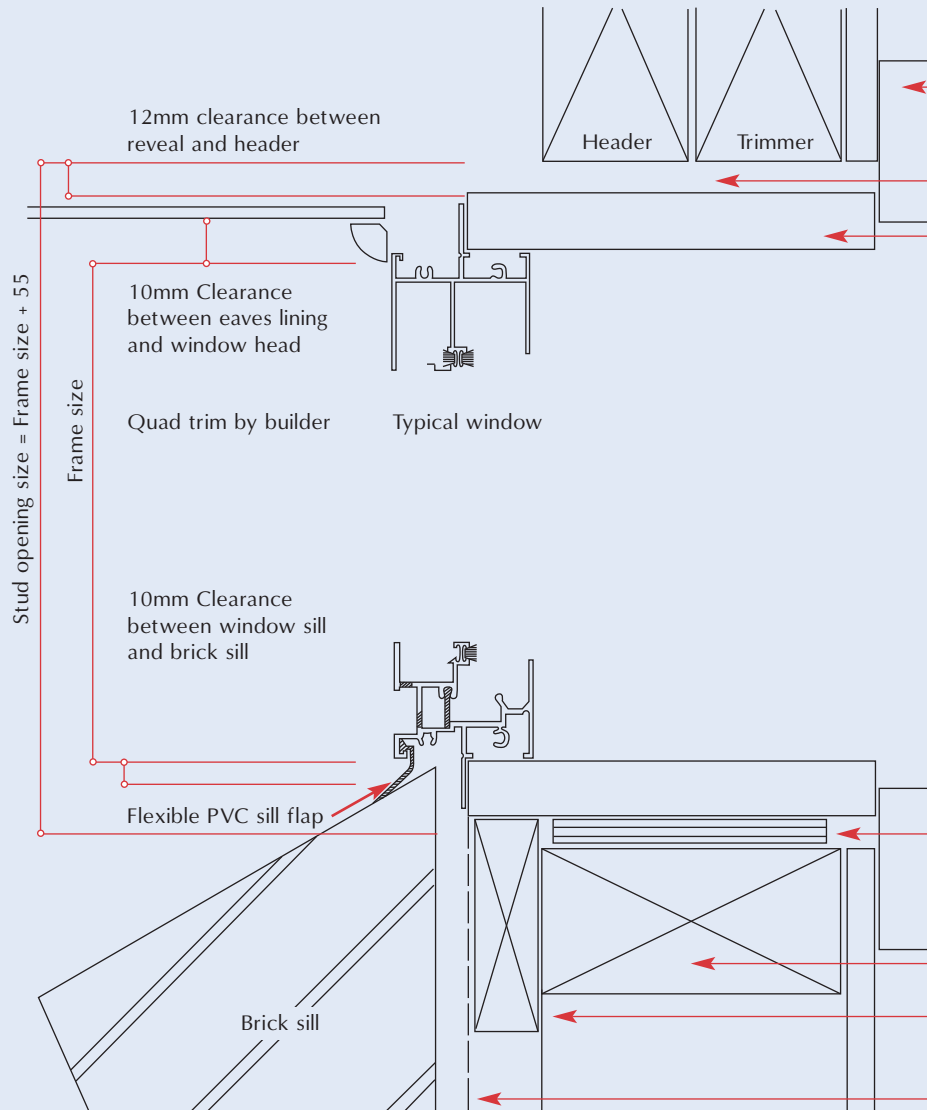
50MM WINDOWS JAMB



Fixings at 450mm maximum centres. These centres would be reduced in high wind load areas.

Packing by builder

50MM WINDOWS HEAD



Timber architrave internal lining by builder.

No packing

Timber reveal

Fixings at 450mm maximum centres. These centres would be reduced in high wind load areas.

50MM WINDOWS SILL

Packing by builder

Sill plate

Sill support by builder

Flashing

NOTES:

Windows are non-structural and can't support the weight of the structure.

Fit bond-breaker between cement and aluminium window frame to prevent caustic attack on the metal finish. If any wet cement should fall onto the metal or glass, remove straight away with water and soft sponge.



Servicing Sydney, Wollongong,
Southern Highlands, Shoalhaven,
ACT & Far South Coast Areas.



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