



G.JAMES
Windows & Doors

Louvre Window 050 Series



Offering the ultimate in vision and ventilation, the G.James 050 Series Louvre Window provides a stylish and practical window alternative.

The unique concept of louvre windows ensure your view is as uninterrupted as possible while tilt-adjustable blades allow you to control the airflow throughout your home.

Left image: Cut-through of louvre window sill with optional flyscreen (guide only, subject to change without notice)



Features

- 130mm (wide) corrosion and UV resistant blade retention clips (supplied as standard).
- 152mm or 102mm clip options available upon request (see Blade Options below)¹
- Black clips supplied as standard. White and grey coloured clips available upon request¹
- Moulded PVC, lever-action handle for easy control and locking¹. Low Profile and Ring handle options available (see next page)¹
- Horizontal PVC weather seals and overlapping blades combine to form an effective weather barrier
- Secondary satin chrome keylock(s) available as an optional extra
- Choice of glass, aluminium or timber blades
- Fly, barrier and Crimsafe screening options
- 7 year 'peace of mind' guarantee
(Terms and conditions apply)

¹ Contact your G. James representative for lead-time and pricing details



Blade Width Options

102mm Blade Louvre (Optional)



130mm Blade Louvre (Standard)



152mm Blade Louvre (Optional)



Handle Options

Standard Handle

Material: Moulded PVC, black supplied as standard (white and grey also available upon request)



Ring Handle (Optional)

For out-of-reach installations, map rod available to assist with opening. Material: Moulded PVC



Low Profile Handle (Optional)

Where minimal protrusion is required (12mm when in the closed position). Material: Powder coated metal



Screens

Flyscreens

G.James flyscreens are a practical and economical method to cover the open area of your windows and doors, helping to keep your home free from flies. Our flyscreens are constructed using an extruded aluminium frame and standard fibreglass mesh.



Barrier Screens

Barrier screens offer an affordable, intermediate level of security for your home. G.James' barrier screens feature black Armagrilite (diamond-shaped, aluminium grille), fibreglass mesh and aluminium frame. This product complies with the *Building Code of Australia - Protection of Openable Windows* requirements.



Crimsafe Screens

Crimsafe screens provide a superior level of safety and security to your windows and doors. The integral high-tensile, stainless steel mesh is discrete in appearance ensuring your views are unhindered. This product complies with the *Building Code of Australia - Protection of Openable Windows* requirements.





G.JAMES

Windows & Doors

Louvre Window

050 Series

Your home, your comfort, your glass

A comfortable home happens not by chance but through good design.

When specifying the windows and doors for your home, you'll make decisions in relation to ventilation, light, aesthetics and operation – all very relevant considerations.

There is however another equally important consideration that is often overlooked, and that is the type of GLASS you choose. The selection of a 'performance' glass can address such issues as heat gain, energy efficiency, security, noise and glare reduction - all of which are central to your comfort and the overall liveability of your home.

So before finalising your windows and doors don't miss the opportunity to understand and take advantage of the many benefits offered by G.James' comprehensive range of performance glass products. G.James welcomes your enquiry on how better glass selection can be the defining difference in your new build.



Safety



Security



Noise



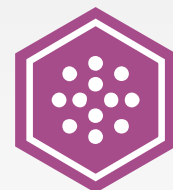
Heat Gain



Insulation



Glare



Fading



Colour Selector

LEGEND: (C) COLOURBOND® Steel Colour Match
(G) Gloss (M) Matt (S) Satin

Powdercoat Colours



Black (S)



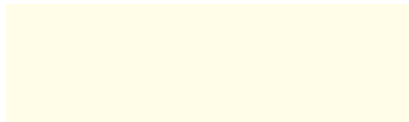
Monument (M)(C)



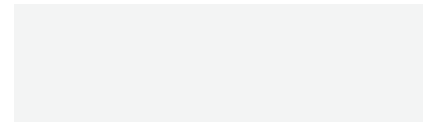
Woodland Grey (S)(C)



Ironstone (S)(C)



White Birch (G)



Architectural White (S)



Primrose (G)



Paperbark (S)(C)



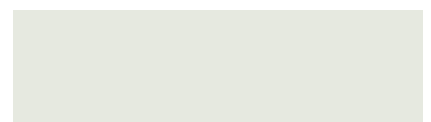
Pearl White (G)



Dune (S)(C)



Shale Grey (S)(C)



Surfmist (M)(C)



Ultra Silver (G)

Anodised Finishes



Clear



Residential Bronze

Note: All Anodised Finishes are price on application. All residential anodised finishes are supplied at AA15 (film thickness) with AA20 & AA25 available upon request. Polished Silver (internal products only) and other Bronze finishes are available – contact your G.James representative for further information.



Technical Data

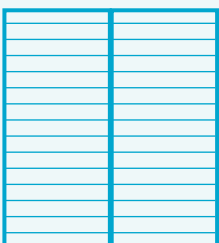
| | |
|---------------------------------------|---|
| Max. Height¹ | Dependent on blade width (see next page for further details) |
| Min. Height | Dependent on blade width (see next page for further details) |
| Max. Width per Gallery | Approx. 950mm (see next page for further details) |
| Glass Thickness | 6mm / 6.38mm |
| Max. Water Performance | 450 Pa (130mm Blade) |
| Perimeter Frame Width Options | <ul style="list-style-type: none"> • 101mm (standard) • 48mm |
| WERS Data² | <ul style="list-style-type: none"> • U-Value range: 4.30 – 6.20 • SHGC range: 0.28 – 0.66 |
| Acoustics² | Rw 28 |
| Bushfire Attack Level | Tested and certified to BAL-40 |
| Fixing Types | Fin fix and face fix |
| Compatible Construction Types: | Brick veneer, clad wall, block wall, cavity brick and modular/transportable |

¹ Maximum sizes are a guide only and subject to the wind rating or SLS/ULS requirements of the site.

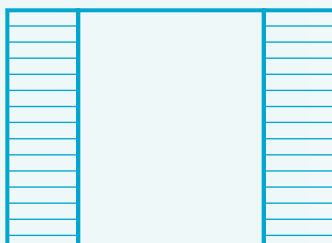
² Consult your G. James representative to determine the most suitable product configuration for your requirements.

Example Configurations

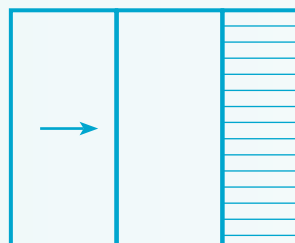
Multiple Bays



Coupled to Fixed Window



Coupled to Sliding Door





Standard Size Range

| 102mm ALTAIR® LOUVRE | | | | 130mm ALTAIR® LOUVRE | | | | 152mm ALTAIR® LOUVRE | | | |
|----------------------|------|------------|-------------|----------------------|------|------------|-------------|----------------------|------|------------|-------------|
| GALLERIES ONLY | | 48mm FRAME | 101mm FRAME | GALLERIES ONLY | | 48mm FRAME | 101mm FRAME | GALLERIES ONLY | | 48mm FRAME | 101mm FRAME |
| Blades | mm | mm | mm | Blades | mm | mm | mm | Blades | mm | mm | mm |
| 3 | 310 | 336 | 361 | 2 | 270 | 296 | 321 | 2 | 320 | 346 | 371 |
| 4 | 400 | 426 | 451 | 3 | 388 | 414 | 439 | 3 | 460 | 486 | 511 |
| 5 | 490 | 516 | 541 | 4 | 506 | 532 | 557 | 4 | 600 | 626 | 651 |
| 6 | 580 | 606 | 631 | 5 | 624 | 650 | 675 | 5 | 740 | 766 | 791 |
| 7 | 670 | 696 | 721 | 6 | 742 | 768 | 793 | 6 | 880 | 906 | 931 |
| 8 | 760 | 786 | 811 | 7 | 860 | 886 | 911 | 7 | 1020 | 1046 | 1071 |
| 9 | 850 | 876 | 901 | 8 | 978 | 1004 | 1029 | 8 | 1160 | 1186 | 1211 |
| 10 | 940 | 966 | 991 | 9 | 1096 | 1122 | 1147 | 9 | 1300 | 1326 | 1351 |
| 11 | 1030 | 1056 | 1081 | 10 | 1214 | 1240 | 1265 | 10 | 1440 | 1466 | 1491 |
| 12 | 1120 | 1146 | 1171 | 11 | 1332 | 1358 | 1383 | 11 | 1580 | 1606 | 1631 |
| 13 | 1210 | 1236 | 1261 | 12 | 1450 | 1476 | 1501 | 12 | 1720 | 1746 | 1771 |
| 14 | 1300 | 1326 | 1351 | 13 | 1568 | 1594 | 1619 | 13 | 1860 | 1886 | 1911 |
| 15 | 1390 | 1416 | 1441 | 14 | 1686 | 1712 | 1737 | 14 | 2000 | 2026 | 2051 |
| 16 | 1480 | 1506 | 1531 | 15 | 1804 | 1830 | 1855 | 15 | 2140 | 2166 | 2191 |
| 17 | 1570 | 1596 | 1621 | 16 | 1922 | 1948 | 1973 | 16 | 2280 | 2306 | 2331 |
| 18 | 1660 | 1686 | 1711 | 17 | 2040 | 2066 | 2091 | 17 | 2420 | 2446 | 2471 |
| 19 | 1750 | 1776 | 1801 | 18 | 2158 | 2184 | 2209 | 18 | 2560 | 2586 | 2611 |
| 20 | 1840 | 1866 | 1891 | 19 | 2276 | 2302 | 2327 | 19 | 2700 | 2726 | 2751 |
| 21 | 1930 | 1956 | 1981 | 20 | 2394 | 2420 | 2445 | 20 | 2840 | 2866 | 2891 |
| 22 | 2020 | 2046 | 2071 | 21 | 2512 | 2538 | 2563 | 21 | 2980 | 3006 | 3031 |
| 23 | 2110 | 2136 | 2161 | 22 | 2630 | 2656 | 2681 | 22 | 3120 | 3146 | 3171 |
| 24 | 2200 | 2226 | 2251 | 23 | 2748 | 2774 | 2799 | | | | |
| 25 | 2290 | 2316 | 2341 | 24 | 2866 | 2892 | 2917 | | | | |
| 26 | 2380 | 2406 | 2431 | | | | | | | | |
| 27 | 2470 | 2496 | 2521 | | | | | | | | |
| 28 | 2560 | 2586 | 2611 | | | | | | | | |
| 29 | 2650 | 2676 | 2701 | | | | | | | | |
| 30 | 2740 | 2766 | 2791 | | | | | | | | |
| 31 | 2830 | 2856 | 2881 | | | | | | | | |
| 32 | 2920 | 2946 | 2971 | | | | | | | | |

Maximum Frame Width (mm) / General Pressures / 101mm Frame

| Wind Rating - General | SLS / ULS Pressures | 6mm Toughened Glass Blades | 6mm Annealed / 6.38mm Laminated Glass Blades | Aluminium Blades |
|-----------------------|---------------------|----------------------------|--|------------------|
| N1 - N3 | 600 / 1400 Pa | 1050mm | 930mm | 1050mm |
| N4 | 800 / 2000 Pa | 1050mm | 780mm | |
| N5 | 1200 / 3000 Pa | 1050mm | 630mm | |
| C1 | 600 / 1800 Pa | 1050mm | 820mm | |
| C2 | 800 / 2700 Pa | 1050mm | 670mm | |
| C3 | 1200 / 4000 Pa | 900mm | 550mm | |

Notes:

- Applies to 102, 130 & 152mm blades
- Maximum widths are calculated in accordance with AS 1288 (for windloads)
- Water performance requirements may reduce gallery height (ie. number of blades high) and maximum blade width
- Consult your G.James representative for external corner pressure zones as classified under AS 4055.

Product Specific Notes:

- When ordering, nominate width of clip (either 102, 130 or 152mm) and frame width (either 48 or 101mm).
- Frame option dependent on water penetration requirements
- Altair 'Standard' handle supplied as standard. Low profile, keyed and ring pull handles available on request (additional charge applies).

- All dimensions refer to single bay units.
- Black handle(s) and clips supplied as standard. White & grey handle and clips available on request (additional charge applies).
- Consult your G.James representative regarding non-standard heights and maximum widths for other wind classes and external corner pressure zones.