



G.JAMES
Windows & Doors

Double Hung Window 136 Series

Double hung windows with optional 'Hampton' style bars. Photo courtesy of Tabrizi Home Builders (Brisbane)



Allow the time-honoured appeal and versatility of the G. James 136 Series Double Hung Window to be part of your home's architectural character.

The distinctive 'vertical' sliding action of a double hung window offers a practical alternative to the standard orientation and functionality of a conventional sliding window. All aspects of the 136 Series window bear inherit qualities and refinements gained from an extensive history of manufacturing, NATA certified testing and on-site experience.

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



Features

Photo courtesy of Sorensen & Caldon Builders (Taree)

- Choice of 'spring balance' (sashes operate independently) or 'counter balance' (sashes operate simultaneously) operation
- Top-down and bottom-up operating sashes promote excellent airflow
- Interlocking rails and brush seals combine to provide exceptional structural performance and an effective weather barrier
- Integral, full width handle for easy operation
- Non-corrosive, low maintenance hardware components including a die cast, swivel-action sash latch (key-latch option available upon request)
- Fly, barrier and Crimsafe screening options
- 7 year 'peace of mind' guarantee (Terms and conditions apply)

Operation Types

Spring Balance Double Hung

Window sashes slide independently giving you flexibility in the opening position of each sash. Supplied as standard unless otherwise requested or required for operational purposes.



Counter Balance Double Hung

Window sashes are connected allowing the movement of one sash to also operate the other, this facilitates easy operation which is particularly important in larger or hard-to-reach windows.





Latch Options

Photo courtesy of MV Design Homes (Cairns)

Standard Latch



Keyed Latch

- Available upon request, additional cost applies



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.





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Yes, you do have a choice!

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



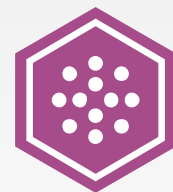
Heat Gain



Insulation



Glare



Fading



Colour Selector

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

Powdercoat Colours



Black (S)



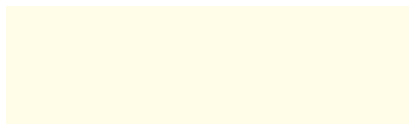
Monument (M)(C)



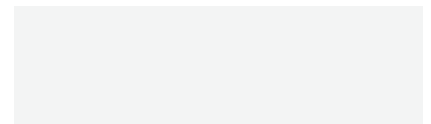
Woodland Grey (S)(C)



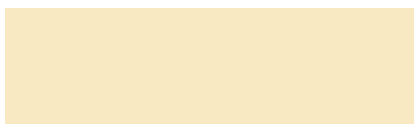
Ironstone (S)(C)



White Birch (G)



Architectural White (S)



Primrose (G)



Paperbark (S)(C)



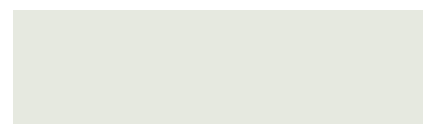
Pearl White (G)



Dune (S)(C)



Shale Grey (S)(C)



Surfmist (M)(C)



Ultra Silver (G)



Silver Pearl Kinetic® (S)
(Price on application)

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. Size¹	<ul style="list-style-type: none">• Spring balance – 2100mm (h) x 910mm (w) ²• Counter balance – 2400mm (h) x 910mm (w)
Min. Height	700mm
Min. Width	400mm
Max Glass Thickness	6.76mm
Water Performance Options	<ul style="list-style-type: none">• 150 Pa• 450 Pa
Perimeter Frame Width	48mm
WERS Data³	<ul style="list-style-type: none">• U-Value range: 4.60 – 6.50• SHGC range: 0.31 – 0.73
Acoustics³	Up to Rw 27
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 For windows 1800mm high and over, issues such as reach, sash weight and furniture position should be considered as they can affect the ability to open and close a double hung window. In such instances a counter balance operation is recommended.

³ Consult your G.James representative to determine the most suitable product configuration for your requirements

IMPORTANT

Don't let the opportunity pass to consider your glass options.

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.





Standard Size Range / Configurations

Stud Opening (Frame Size with reveals + 10mm clearance)
Outer Frame Size (excludes fixing fin & reveals)

Width (mm)

		660	960	1260	1560	1860	2160	2460
		610	910	1210	1510	1810	2110	2410
Height (mm)	950							
	1250							
	1550							
	1850							
	2150							

Product Specific Notes:

- Due to weight limitations on various operating components, sizes which exceed the standard size range may not be available.
- Multiple bay configurations will be supplied in equal splits.
- For windows 1800mm high and over, it is recommended to consider the operation of the window to ensure the configuration selected is the best 'fit-for-purpose'. Issues such as reach, sash weight and furniture position are some aspects that can affect the ability to open and close a double hung

window. The option of selecting a Counter Balance operation in such situations should be considered.

- Where a choice of configuration for a particular width is illustrated above, the customer is to nominate the number of bays required.
- Single bay windows over 1000mm in width will be fitted with two (2) catches as standard.
- Spring-balance type operation is supplied as standard unless counter balance type is requested.



Fixed Panel Window Combinations
Standard Size Range / Configurations

Stud Opening (Frame Size with reveals + 10mm clearance)
Outer Frame Size (excludes fixing fin & reveals)

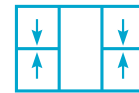
		Width (mm)							
		1260	1560	1860	2160	2460	2760	3060	
Height (mm)	950	900							
	1250	1200							
	1550	1500							
	1850	1800							
	2150	2100							
			1210	1510	1810	2110	2410	2710	3010

Legend



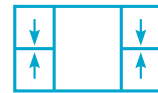
1/2 1/2

2110mm wide Windows only



1/3 1/3 1/3

Windows over 2410mm wide



1/4 1/2 1/4