



**G.JAMES**  
Windows & Doors

## eStrut Window 482 Series



*Stewart Homes, Brisbane QLD*

### Easy as an eStrut

Welcome to the future of window innovation with the G. James 482 Series eStrut Awning Window, where technology meets convenience in perfect harmony.

Say goodbye to manual opening and closing and hello to effortless operation with our state-of-the-art electric strut hardware. Expansive, uninterrupted views and superior ventilation are now on offer, all with the push of a button.

The 482 Series eStrut Awning integrates high-performance electric actuators within an aesthetically pleasing window design to achieve ultra-smooth movement and a touch of style that will complement any architectural mood.



*482 Series eStrut Window interior view.*



## Features

**Designed for homeowners who demand convenience and practicality with a splash of flair, experience the effortless elegance of the G.James 482 Series eStrut Awning Window. It's as easy as it gets.**

- Suitable for large servery openings of up to 1500mm (h) x 2500mm (w) ensures uninterrupted views from your servery or living space<sup>1</sup>.
- Easy-to-operate control panel incorporating up/down positioning and key-lock functions is located conveniently on the inside jamb of the window frame.
- Operational safety features include regulated speed, deadlock capability, emergency stop function, current limit, and battery backup<sup>2</sup>.
- Fully framed or sill-less<sup>3</sup> configurations are available.
- Newly designed 'jamb' hinges replace the unsightly ganging of head-fitted hinges (offered by others) and effectively overcome the operational stresses of large window sizes.
- Simulated 'life testing' achieved 25 years of daily opening and closing.
- Screening is possible via third-party suppliers.

<sup>1</sup> Dimensions stated are a guide only. Maximum permissible sash weight is not to exceed 100kg.

<sup>2</sup> A qualified electrician is required to provide a 240V outlet in close proximity to the window.

<sup>3</sup> Sill-less option should be considered where a continuous, pass-through servery feature is desired.

## Operation





## Technical Data

<b>Max. Window Height<sup>1</sup></b>	1500mm
<b>Max. Window Width<sup>1</sup></b>	2500mm
<b>Max. Glass Thickness</b>	<ul style="list-style-type: none"> <li>• Single glaze – 8mm</li> <li>• Double glazed (IGU) – 32mm</li> </ul>
<b>Max. Water Performance</b>	<ul style="list-style-type: none"> <li>• Standard Sill – 600 Pa</li> <li>• Sill-less configuration<sup>2</sup> – 0 Pa</li> </ul>
<b>Perimeter Frame</b>	101mm x 44mm
<b>Sash Frame</b>	70mm x 68mm
<b>WERS Data<sup>3</sup></b>	<ul style="list-style-type: none"> <li>• U-Value range: 4.30 – 6.70</li> <li>• SHGC range: 0.22 – 0.49</li> </ul>
<b>Acoustics</b>	NA
<b>Bushfire Attack Level</b>	Bushfire shutters to be provided by builder for all BAL requirements with the exception of BAL-Low.
<b>Fixing Types</b>	Fin/reveal and finless fix.
<b>Compatible Construction Types:</b>	Brick veneer, clad wall, block wall, and cavity brick.
<b>Air Infiltration:</b>	Passed for low and high-level air infiltration in accordance with the AS2047 Test Standard. <sup>4</sup>

<sup>1</sup> Maximum sizes are a guide only & subject to the wind rating or SLS/ULS requirements of the site &, the total window weight relative to the window height. The window sash weight cannot exceed 100 kg.

<sup>2</sup> Suitable for sheltered, non-exposed positions only.

<sup>3</sup> Interim results.

<sup>4</sup> Results applicable to the fully framed configuration.



Electric strike housing & control panel



Discreet hinge system



Electric actuator strut arm