



## Overview

A 100mm and 150mm face glazed commercial framing system ideally suited for shopping centres, offices, show rooms, commercial buildings. It is increasingly popular in architectural housing and apartments. Both systems can be either single or double glazed.

Glass can be fitted to the frame using external captive and internal roll-in glazing wedges or roll-in wedges on both sides. The use of an external captive glazing wedge and an internal roll-in wedge prevents vandalism in ground floor applications.

A range of entry doors are available and they can also be set up as sliding doors, either as top hung sliding or bottom rolling track mounted.

There are a number of awning/casement windows that can be incorporated into the 100mm and 150mm frames and the sash options include flat and bevelled faces.

Sub-sill and sub-head options for both frames are available to aid on-site installation.



## Features

- Single glazing options range from 5mm to 10.38mm
- The double glazed option is designed to accept a 25mm IGU
- A silicone glazed option is available for the 150mm frame on a per project basis. It can be single glazed (6mm and 10mm) or double glazed (25mm)
- In high wind load areas added structural strength is achieved with the use of heavy duty mullions – there is a wide range of transoms for manufacturers to choose from
- Lidco's Emporia™ Commercial Doors (716 System and 717 System) can be incorporated into the framing system both in hinged and sliding configurations
- The following Lidco awning/casement sashes can be incorporated into both the 100mm and 150mm frame:  
 DuoTherm awning flush sash from the 373 System  
 Thermaview awning overlap sash from the 413 system (flat face and beveled sashes available)\*
- Thermal expansion is controlled by using split mullions
- A 125mm face glazed frame alternative is available\* – refer to 718 System
- A panelised window wall system is available on a per project basis. It features captive or structurally glazed mullions and transoms and expansion stack joints

Maximum Glass Thickness	≤25mm IGU
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\*Single glazed



## How to Specify

- Aluminium frames to be manufactured using Lidco 715 System: Emporia™ Face Glazed Commercial Framing
- Selected framing to be engineered, manufactured and installed in accordance with:
  - AS 2047-2048 (Windows in Buildings)
  - AS/NZS 1170 (Loading Code)
  - AS/NZS 1664 (Aluminium Structures Code)
- Selected glazing to be in line with performance requirements as set out in AS 1288 (Glass in Buildings)
- Size limitations are governed by design intent, glass selection and local wind load and deflection requirements



For any specification assistance please call to speak to one of our friendly and knowledgeable technical sales team on 1300 663 848 or email [techsupport@lidco.com.au](mailto:techsupport@lidco.com.au)



715 System Specifier Guide, CAD, PDF files and more are available at [www.lidco.com.au](http://www.lidco.com.au)

## WERS Energy Ratings



Glazing	Cooling	Heating	Uw*	SHGC*	Tvw*
6.38mm ComfortPlus	36%	30%	4.4	0.45	0.51
10mm Clear	26%	11%	6.2	0.66	0.74
10.38mm Laminate	34%	7%	6.1	0.68	0.76
6mm Clear / 12mm Ar / 6mm Clear	45%	46%	3.5	0.62	0.68
6.38mm Lam / 12mm Air / 6.38mm CP	46%	48%	3.0	0.53	0.45
6.38mm Lam / 12mm Ar / 6.38mm CP	62%	41%	2.8	0.54	0.45

\*Notes: **Uw** is the whole window U-value  
**SHGC** is the whole window solar heat gain coefficient  
**Tvw** is the whole window visible (light) transmittance  
More energy ratings available at [www.lidco.com.au/energy-ratings](http://www.lidco.com.au/energy-ratings)



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Founded in Australia over 65 years ago Lidco is a leading designer and supplier of contemporary and high performance residential and commercial aluminium window and door systems

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