

450 SERIES PRODUCT BRIEF

Description

A versatile 100mm x 50mm 'flush' pocket glazed framing system suitable for shopfront, low rise curtain wall & general framing applications. While the system is mostly glazed to the exterior or front creating a shear wall appearance, it can be glazed to the interior producing an exposed grid effect.

Types

- Fixed window & shopfront.
- Awning & Casement windows (incorporating 048 & 265 Series sashes).
- Top hung inswing (T.H.I.S.) windows (incorporating 150 Series sashes).
- Entry doors (incorporating 475 Series door rails & stiles).
- Curtain wall facade options:
 - 4 sided structurally (on-face) glazed with no expressed external aluminium
 - 4 sided captive glazed
 - 2 sided structurally (on-face) glazed with expressed mullions only
 - 2 sided captive glazed with expressed transoms only

Features

- Waterproofing characteristics based on pressure equalisation principles.
- Internal or external glazing depending on the project requirements and location of the removable beads.
- A unique gasket retention system that firmly secures the glazing gasket into the pocket.
- Capable of achieving horizontal stack joint & spilt mullion configurations suitable for use over large areas. e.g. curtain wall facades.
- Acoustic upgrades up to STC 48 available.
- Transom-to-jamb seal block which isolates each fixed panel creating an independent unit for superior drainage.
- Gutter transoms available for curtain wall applications.
- Accommodates 5mm – 10.38mm glass.
- Compatible with 165 Series (100mm), 445 Series & 475 Series framing, and 475 Series accessories including sub-framing & coupling mullions (options: 22½°, 24°, 30°, 45°, 60° & 90°).

Hardware

- Extruded PVC & santoprene glazing gaskets.

Limitations

- Simple span configuration not to exceed 3 metres (guide only).
- To comply with the appropriate design wind load requirements & glazing standards.

N.B. Some dimensions detailed above may be nominal.

Due to continual product development, G.James reserves the right to change, delete or add any information, section profiles, construction details and specifications relating to this product without notice.