

245 SERIES PRODUCT BRIEF

Description

A premium quality sliding door system suitable for residential & low-to-medium rise building applications.

Types

- 101 mm wide frame, three (3) track **residential** grade door with internal sliding sash/es (low profile sill optional).
- 101 mm wide frame, three (3) track **commercial** grade door with external sliding sash/es.
- 68mm two (2) track **commercial** grade door with external sliding sash/es (projects only).

Features – General

- A range of load-bearing interlocking mullion configurations.
- Colour matching ribbed threshold to head & sill.

Features – Residential Door

- 300 Pascal (water penetration) rated sill.
- XO, XX, OXO, OXX, OXXO & OXXXXO configurations available.
- Hi-lights & sidelights possible using 425 Series frame & bead system.
- Flyscreens / security screens are fitted to the outside track (limitations apply to certain configurations, in which case the 140 Series internally fitted Retro-System can be used).
- Accommodates 4mm – 6.38mm glass & 19mm IG Units.
- Compatible with 425, 450 & 475 Series framing.

Features – Commercial Door

- 300 Pascal water penetration rating (static) & 420–840 Pascal rating (cyclic, external slider version only).
- XO, XX, OXO, OXX, OXXO & OXXXXO configurations available within the three (3) track frame. XO, XX, OXO & OXXO configurations only available in the 68mm frame.
- Acoustic upgrades up to STC 33 available.
- Flyscreens & security screens are fitted to the inside track (limitations apply to certain configurations, in those instances the 140 Series internally fitted Retro-System can be used). Screens can be fitted to the outside track using the internal sliding sash type door.
- Accommodates 5mm – 10.38mm glass.
- Compatible with 425, 450 & 475 Series – three (3) track frame / 165 & 265 Series – two (2) track frame.

Hardware

- Injection moulded interlock blocks/seals.
- Modern, slimline handle/latch (keylock optional).
- Roller comprising stainless steel bearing & solid acetyl tyre (stainless steel roller optional).
- Frame corner gaskets comprising closed cell PVC foam.
- Extruded PVC glazing channel & nylon pile weather seals.

Limitations

- For commercial configurations the maximum sash area is 3.0m², with a maximum permissible sash of 2400mm (h) & 1500mm (w) (this is not the maximum permissible sash size as a combination of these sizes will exceed the maximum sash area).
- To comply with the appropriate design wind load requirements and 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.