



UNIQUE FEATURES



SPECIFICATIONS

Frame depth ความหนาของวงกบ	101.6 mm 120 mm (2 tracks sliding) 178 mm (3 tracks sliding)
Height of sill ความสูงของธรณี	50 mm
Glass thickness ความหนาของกระจก	Up to 31.5 mm

COLORS

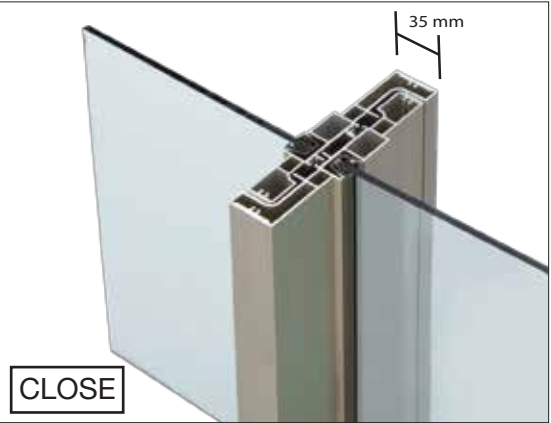
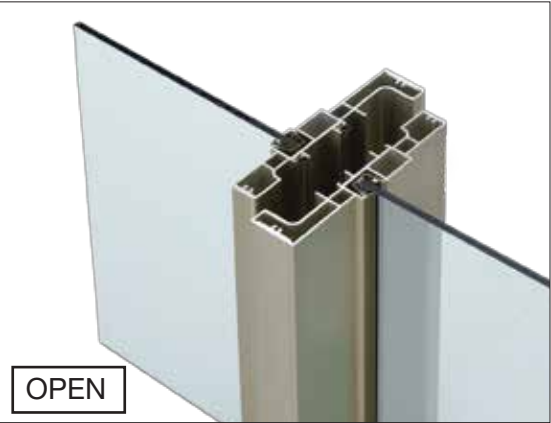


PERFORMANCES



GRANTS is TOSTEM’s flagship series. Its innovative design results in a larger surface area of glass for panoramic views. This takes the standard of aluminium windows and doors to another level.

GRANTS พลิตกับที่รุ่นเรือธงจากทอสเท็ม ยกระดับมาตรฐานของกรอบประตูหน้าต่างด้วยนวัตกรรมดีไซน์ที่เพิ่มพื้นที่ของกระจกให้มากขึ้นเพื่อเปิดมุมมองสู่ภายนอกแบบพาโนรามา



Overlapping meeting stile (4 Panels Sliding)

คู่ขนกลางบานเลื่อนซ้อนเข้าหากันแบบสลับ



Conceal panel design

ดีไซน์ซ่อนกรอบบานเข้าภายในวงกบ



Double barrier drainage system

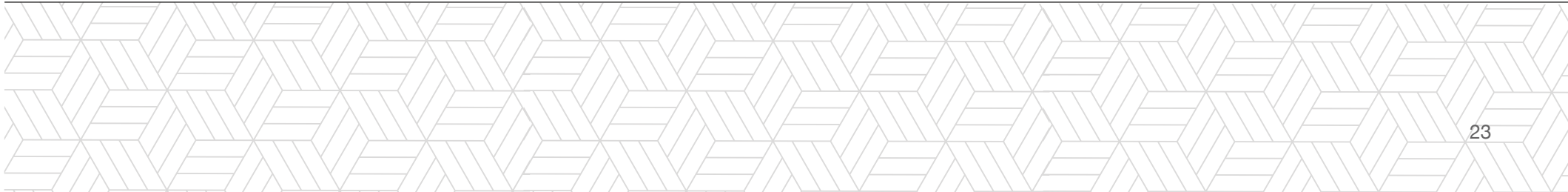
ระบบป้องกันน้ำ 2 ชั้น



“L-Fit” design hardware.

อุปกรณ์ดีไซน์แบบ “L-Fit”

* Sound performance test has been done in JIS standard controlled environment. Performance will vary by room condition. Please consult with sound insulation specialist.
*ระบบประสิทธิภาพมาตรฐานอุตสาหกรรมญี่ปุ่น JIS (A4706 หรือ A4702) ทำในสภาพแวดล้อมห้องทดสอบมาตรฐานเสียงที่กำหนด ที่ไม่มีสิ่งกีดขวางการแพร่กระจายเสียงในห้องทดสอบ สำหรับข้อมูลเพิ่มเติม กรุณาติดต่อผู้เชี่ยวชาญด้านเสียง

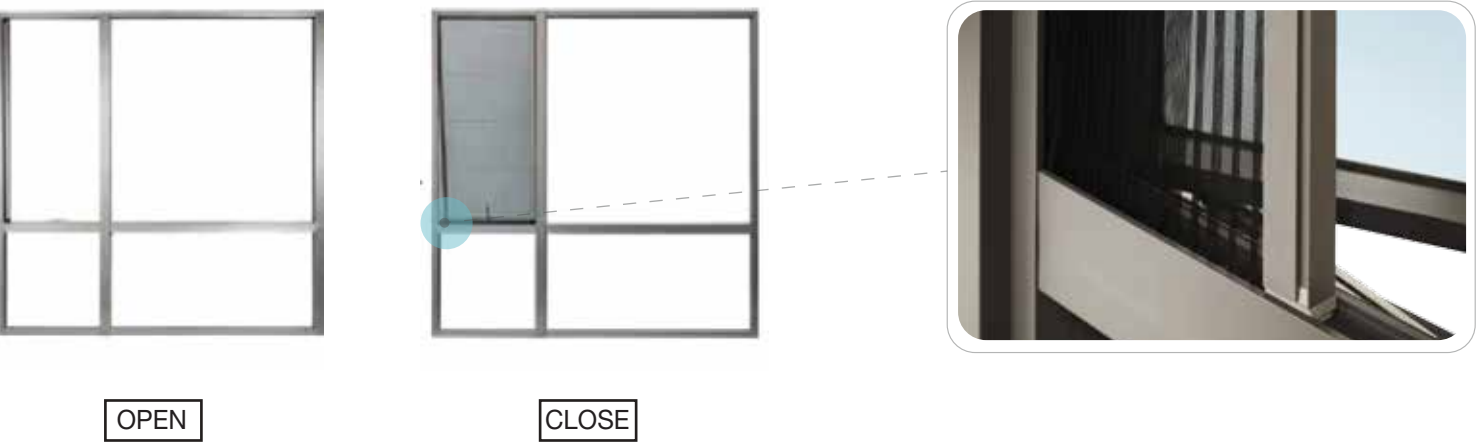


GRANTS SCREEN SYSTEM

FOR AWNING & CASEMENT WINDOWS

มุ้งจิบสำหรับหน้าต่างบานกระทุ้งและบานเปิด

- Fully embedded in the frame.
ติดตั้งภายในวงกบของหน้าต่าง
- Easy to remove for maintenance.
ถอดออกง่ายเพื่อทำความสะอาด



FOR SLIDING AND SWING DOORS

มุ้งจิบสำหรับประตูบานเลื่อนและบานสวิง



SUB-FRAME VARIATION FOR SLIDING DOORS

PANELS	SUB-FRAME (60 mm)	SUB-FRAME (125 mm)
2 Panels	 (Half screen)	 (Full screen)
	 (Full screen)	
3 Panels	 (Half screen)	 (Full screen)
4 Panels	 (Full screen)	 (Full screen)

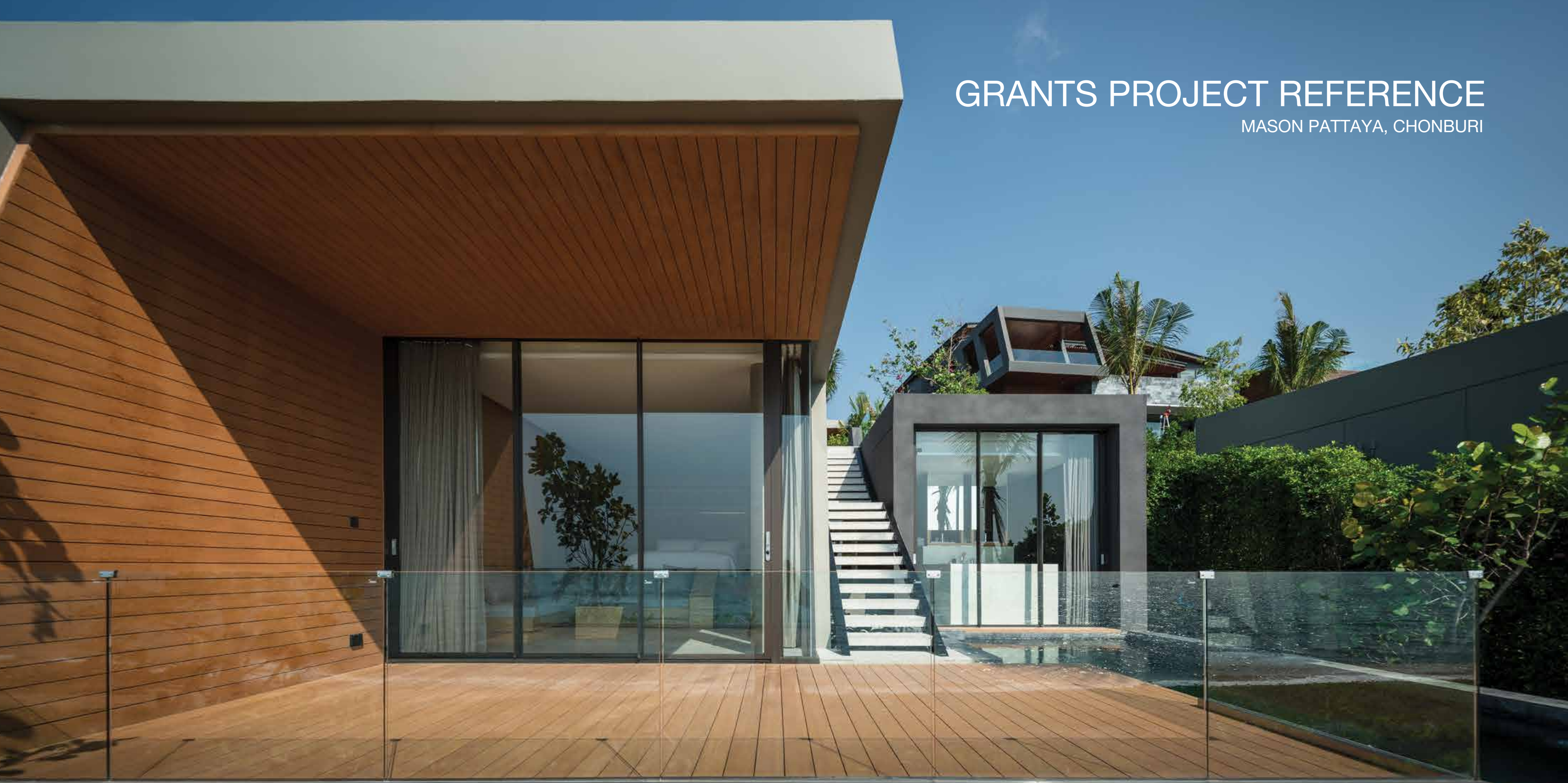


GRANTS PROJECT REFERENCE

MASTER HOME SHOWROOM, CHONBURI

GRANTS PROJECT REFERENCE

MASON PATTAYA, CHONBURI

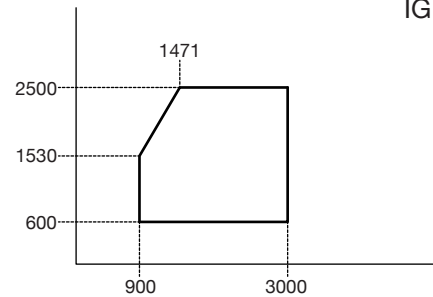


WINDOWS

Sliding Window (2 panels on 2 tracks)



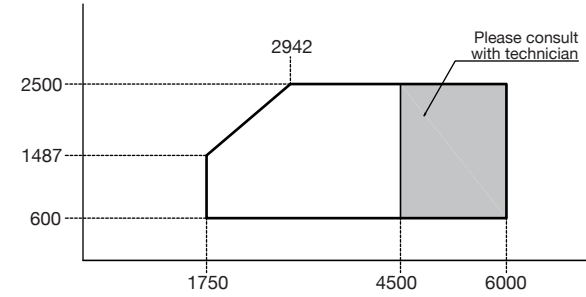
- Available in SG and IG unit
- Select panel position from L/R
- Single slide (L/R) available
- Handle option
- Pleated insect screen available
- Glazing Finish
 - 5 – 7 mm : Sealant
 - 8 mm up : Glazing channel
 - IG unit : sealant



Sliding Window (4 panels on 2 tracks)



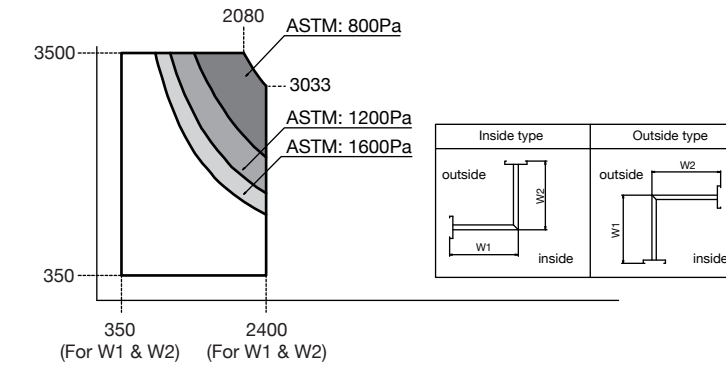
- Available in SG and IG unit
- Handle option
- Pleated insect screen available
- Select from (SSSS, FSSF)
- Glazing Finish
 - 5 – 7 mm : Sealant
 - 8 mm up : Glazing channel
 - IG unit : sealant



Corner Fixed Window



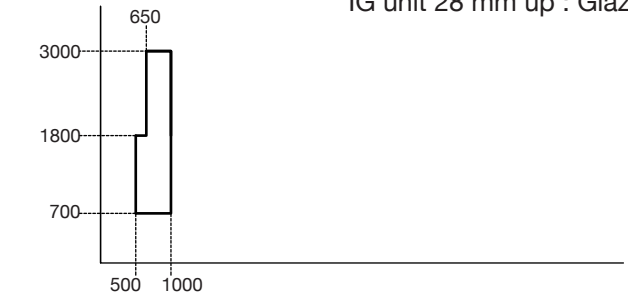
- Only available in SG
- Only available with sealant finish
- Both in/outward corner available



Awning Window



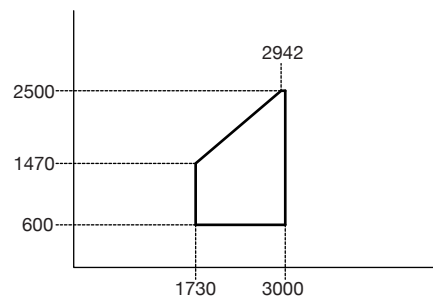
- Available in SG and IG unit
- In case of IG, please consult with our technician for size and performance
- Pleated insect screen available
- Glazing Finish
 - 5 – 7 mm : Sealant
 - 8 mm up : Glazing Channel
 - IG unit ~27 mm : sealant
 - IG unit 28 mm up : Glazing Channel



Sliding Window (3 panels on 2 tracks) SFS



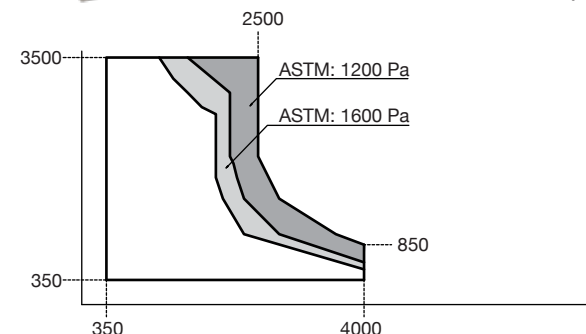
- Available in SG and IG unit
- Handle option
- Pleated insect screen available
- Glazing Finish
 - 5 – 7 mm : Sealant
 - 8 mm up : Glazing channel
 - IG unit : sealant



Fixed Window



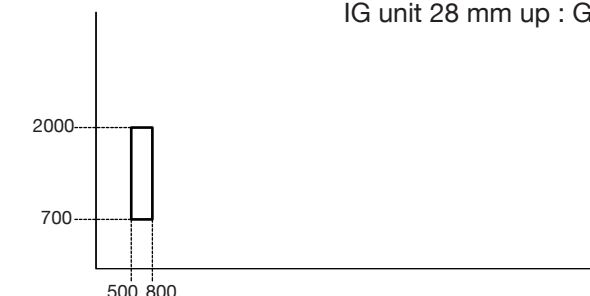
- For oversize fixed windows, please consult with our technician
- Available in SG and IG unit
- Glazing Finish
 - 5 – 7 mm : Sealant
 - 8 mm up : Glazing bead
 - IG unit ~24 mm : sealant
 - IG unit 24 mm up : Glazing bead



Casement Window (with friction stay)



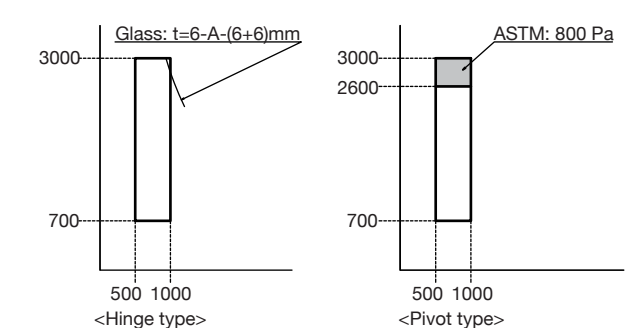
- Available in SG and IG unit
- In case of glass thickness over 8 mm and IG unit please consult with our technician
- Select from L/R
- Pleated insect screen available
- Glazing Finish
 - 5 – 7 mm : Sealant
 - 8 mm up : Glazing Channel
 - IG unit ~27 mm : sealant
 - IG unit 28 mm up : Glazing Channel



Casement Window (with hinge or pivot)



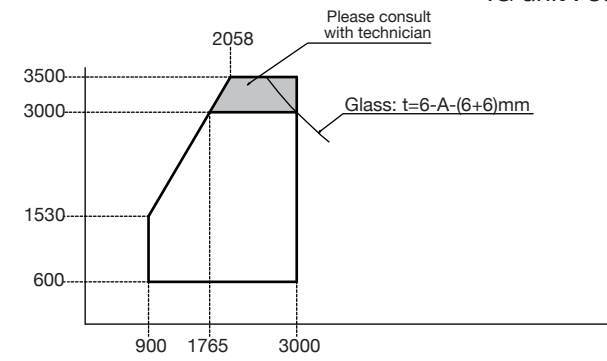
- Available in SG and IG unit
- Select from L/R
- Pleated insect screen available
- Glazing Finish
 - 5 – 7 mm : Sealant
 - 8 mm up : Glazing Channel
 - IG unit ~27 mm : sealant
 - IG unit 28 mm up : Glazing Channel



DOORS

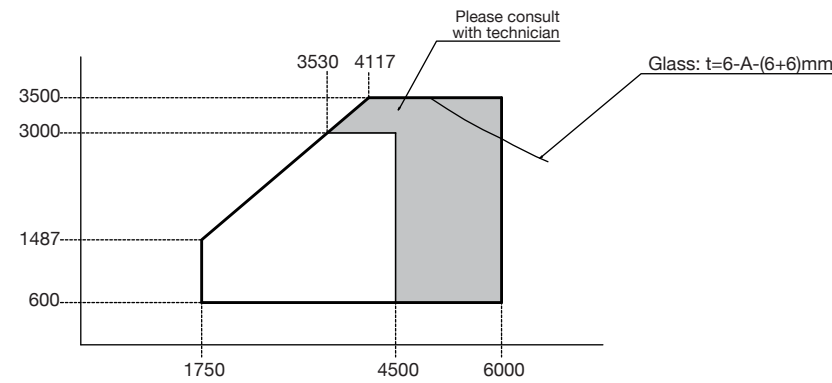
Sliding Door (2 panels on 2 tracks)

- Available in SG and IG unit
- Select panel position from L/R
- Single slide (L/R) available
- Handle option
- Pleated insect screen available
- Glazing Finish
 - 5 – 7 mm : Sealant
 - 8 mm up : Glazing channel
 - IG unit : sealant



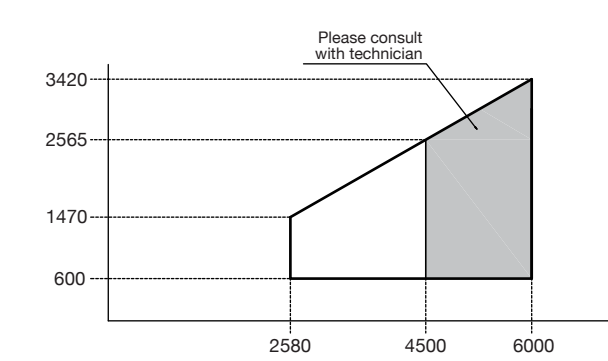
Sliding Door (4 panels on 2 tracks)

- Available in SG and IG unit
- Handle option
- Pleated insect screen available
- Select from (SSSS, FSSF)
- Glazing Finish
 - 5 – 7 mm : Sealant
 - 8 mm up : Glazing channel
 - IG unit : sealant



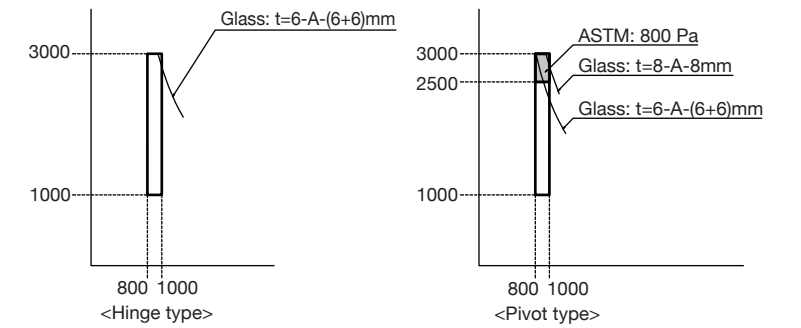
Sliding Door (6 panels on 3 tracks)

- Available in SG and IG unit
- Handle option
- Pleated insect screen available
- Select from (SSSSSS, FSSSSF)
- Glazing Finish
 - 5 – 7 mm : Sealant
 - 8 mm up : Glazing channel
 - IG unit : sealant



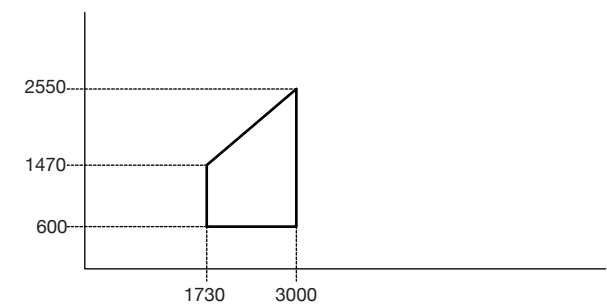
Out-Swing Door (Single)

- Available in SG and IG unit
- Pivot hinge option
- Door closer NOT available
- Select from L/R
- Pleated insect screen available
- Glazing Finish
 - 5 – 7 mm : Sealant
 - 8 mm up : Glazing Channel
 - IG unit ~27 mm : sealant
 - IG unit 28 mm up : Glazing Channel



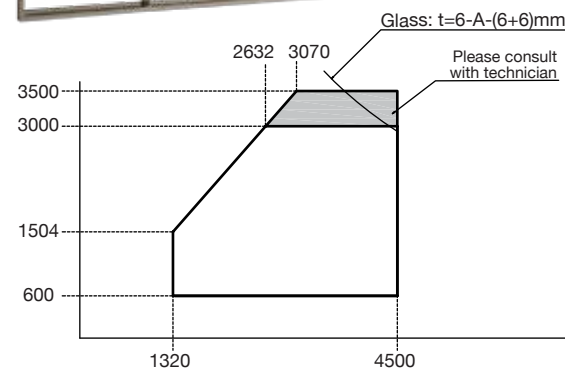
Sliding Door (3 panels on 2 tracks) SFS

- Available in SG and IG unit
- Handle option
- Pleated insect screen available
- Glazing Finish
 - 5 – 7 mm : Sealant
 - 8 mm up : Glazing channel
 - IG unit : sealant



Sliding Door (3 panels on 3 tracks)

- Available in SG and IG unit
- Select panel position from L/R
- Handle option
- Pleated insect screen available
- Select from (SSS, FSS, SSF)
- Glazing Finish
 - 5 – 7 mm : Sealant
 - 8 mm up : Glazing channel
 - IG unit : sealant



MIXED & COMBINATION WINDOW

- Mullions are available for various windows and doors. Please consult with our sales representative for selection.
 - 180°mullion (standard and reinforced)
 - 90°mullion (only for outward corner)

UNIT WINDOWS

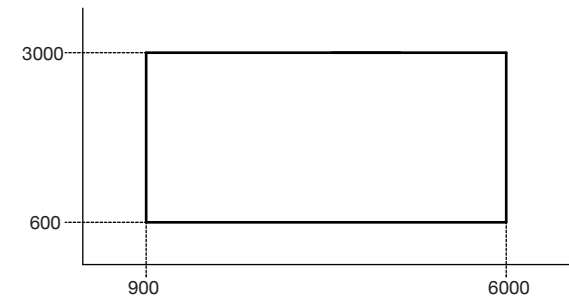
Bottom Windows	Top Windows			
	Single Awning	Single Casement	Single Fix	Sliding
Single Awning			●	
Single Casement			●	
Swing Door			●	
Single Fix	●	●	●	●
Double Fix				●

OPTIONS

Insect sliding screen doors



- Select sub-frame from 60 or 125 mm
- Maximum width of single screen is 1500 mm
- In case of a single screen width above 1300 mm, there will be a center pole
- Please consult with technician for screen combination



Insect screen for awning & casement



- For awning and casement window over 2000 mm in height, use insect sliding screen

