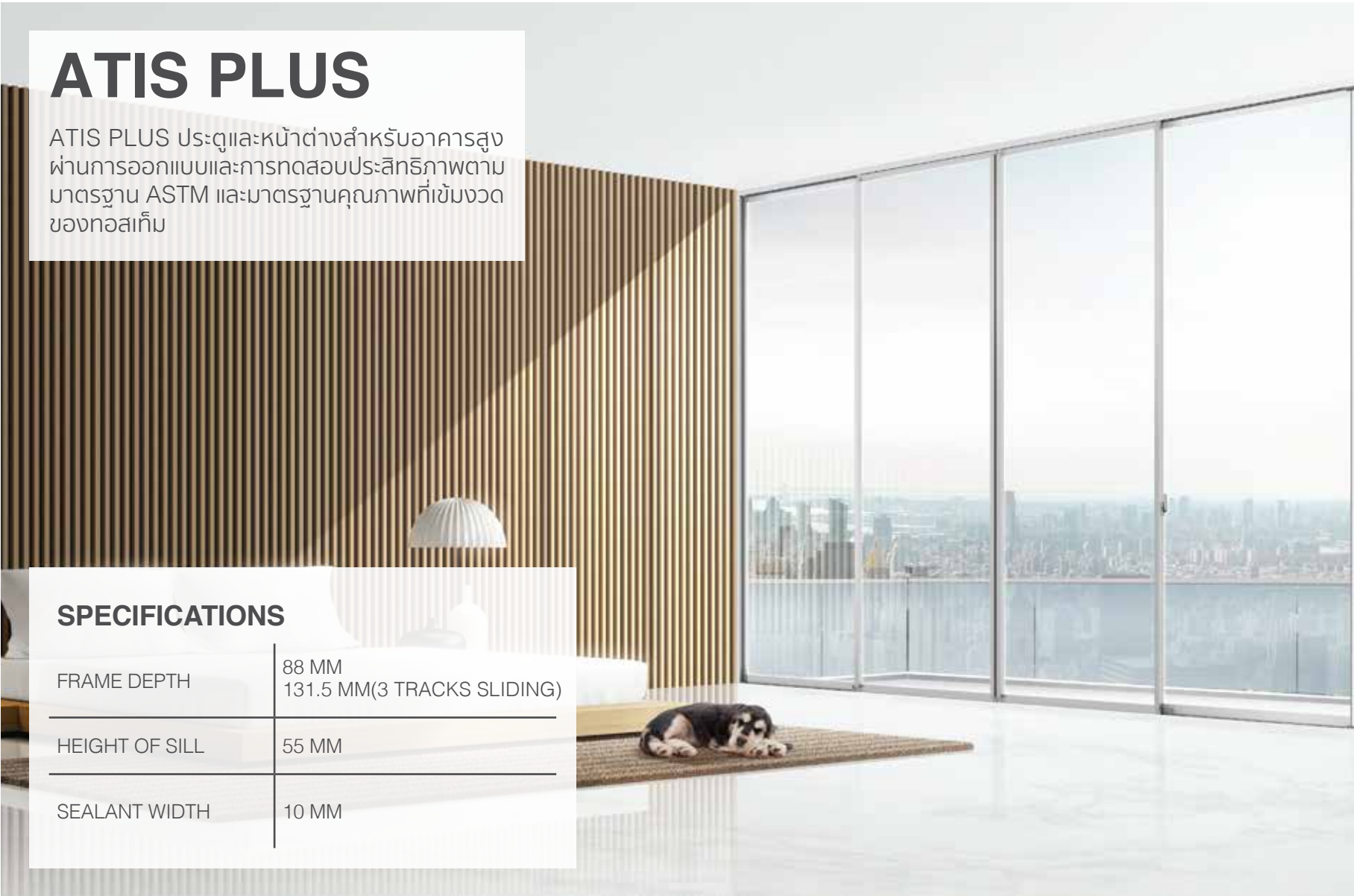




ATIS PLUS

ATIS PLUS ประตูและหน้าต่างสำหรับอาคารสูง ผ่านการออกแบบและการทดสอบประสิทธิภาพตามมาตรฐาน ASTM และมาตรฐานคุณภาพที่เข้มงวดของทอส์เท็ม

SPECIFICATIONS

FRAME DEPTH	88 MM 131.5 MM(3 TRACKS SLIDING)
HEIGHT OF SILL	55 MM
SEALANT WIDTH	10 MM

COLOR



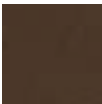
NATURAL
WHITE



NATURAL
SILVER



SHINE
GRAY



AUTUMN
BROWN



DUSK
GRAY



NATURAL
BLACK

PERFORMANCES

WIND
PRESSURE



2000 PA
(ASTM E330)

WATER
TIGHTNESS



300 PA
(ASTM E331)

AIR
TIGHTNESS



10.7M³/H·M²
(ASTM E283)

NOISE
INSULATION



T-1 (25),
T-2 (30)²
(JIS A 1416)

1*ระดับประสิทธิภาพตามอุตสาหกรรมญี่ปุ่น JIS (A4706 และ A4702) ภายใต้การทดสอบในห้องจำลอง
พนักคอนกรีตตามกฏบริษัทฯ กำหนด

*ทั้งนี้ประสิทธิภาพการป้องกันเสียงขึ้นอยู่กับสภาพแวดล้อมหรือองค์ประกอบต่างๆ ในห้องที่แตกต่างกัน
สำหรับข้อมูลเพิ่มเติมกรุณาติดต่อผู้เชี่ยวชาญด้านเสียง

2*ได้เฉพาะหน้าต่างและกระจกบางประเภทเท่านั้น

ATIS PLUS

- WINDOW
- DOOR
- OPTION
- MIX

Glazing material availability

Channel : Sliding, Casement, Awning, Tilt & Slide, Swing door

Glass thickness	5-6	8-9.52	10-12	13.52-15.52	17.52-20	22
Channel	✓	✓	✓	✓	✓	✓

Bead: Fixed (SG)

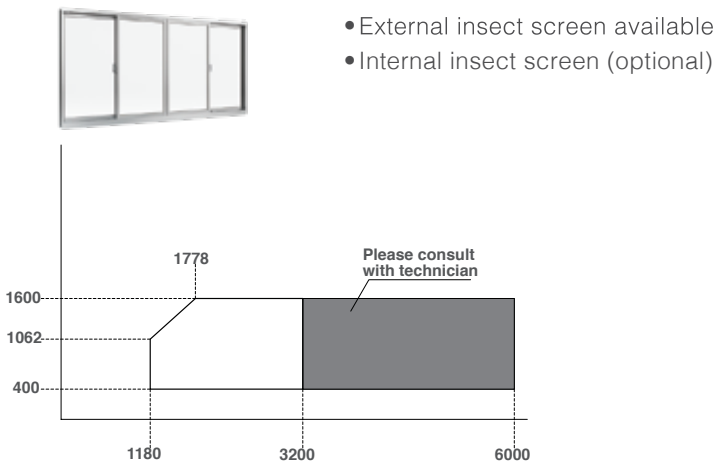
Glass thickness	5-8	10-10.76	11.52-15.52
Bead	✓	✓	✓

Bead: Fixed (PG)

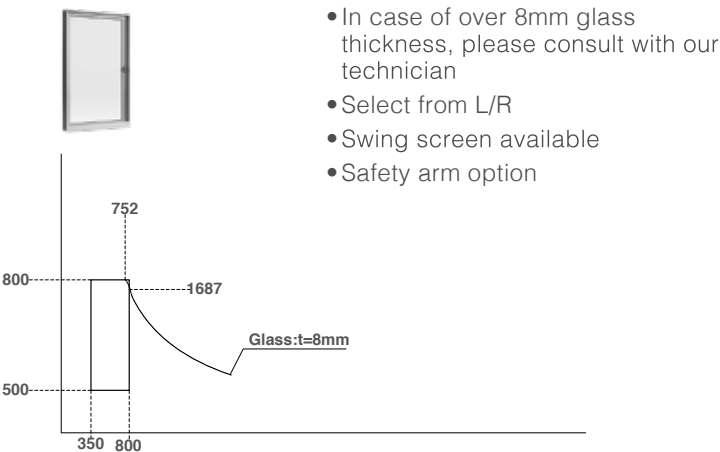
Glass thickness	22-26
Bead	✓

Note: Other thickness can be applied with glazing sealant.

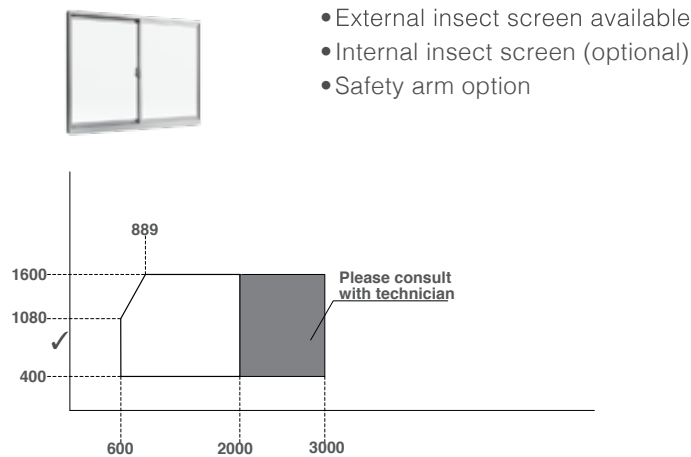
SLIDING WINDOW (4 PANELS ON 2 TRACKS)



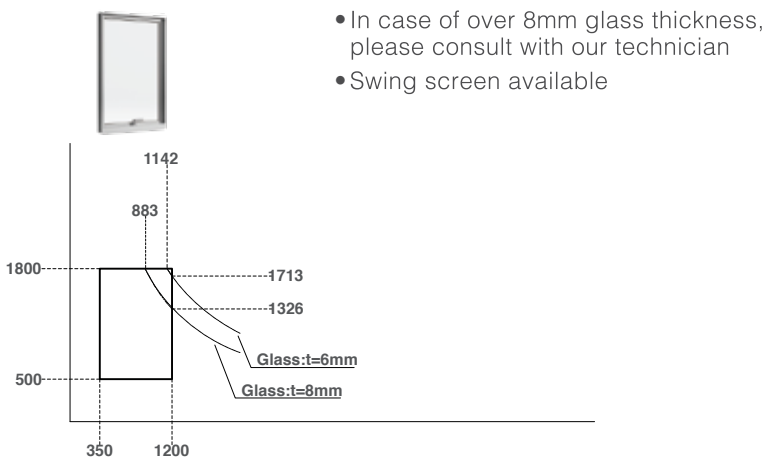
CASEMENT WINDOW (WITH SUBLOCK)



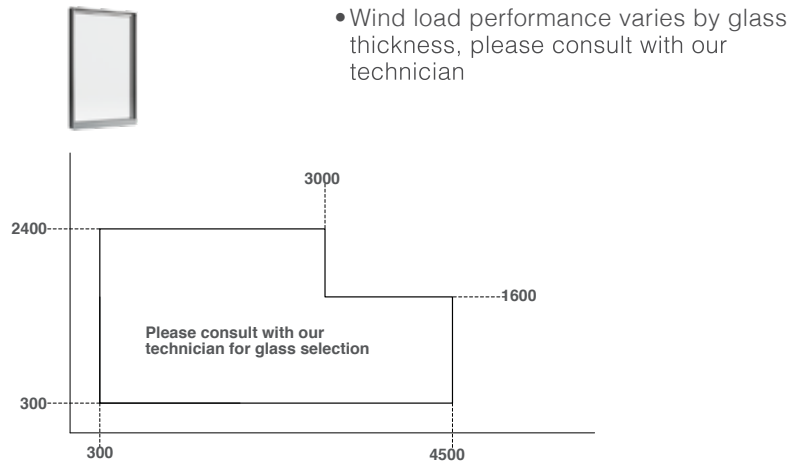
SLIDING WINDOW (2 PANELS ON 2 TRACKS)



AWNING WINDOW (WITH SUBLOCK)



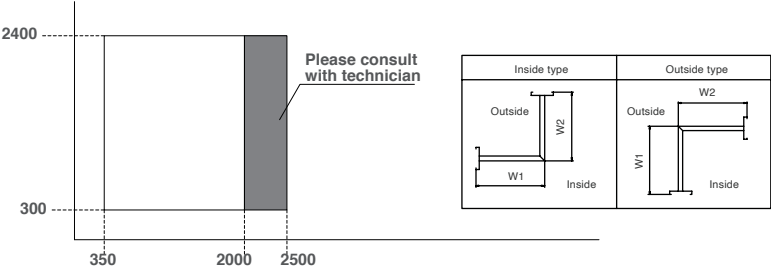
FIXED WINDOW



CORNER FIXED WINDOW



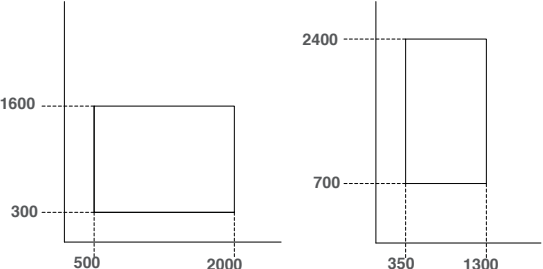
- Only available in SG
- Only available with sealant finish
- Both in/outward corner available
- Middle bar (optional)



FIX UNIT VARIATION



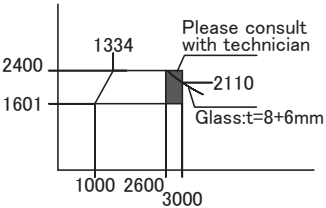
- Wind load performance varies by glass thickness, Please consult with our technician



SLIDING DOOR (2 PANELS ON 2 TRACKS)



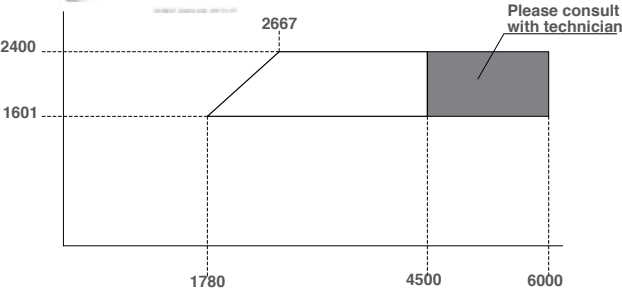
- External insect screen available
- Internal insect screen (optional)
- Safety arm option
- Flat attachment option



SLIDING DOOR (4 PANELS ON 2 TRACKS)



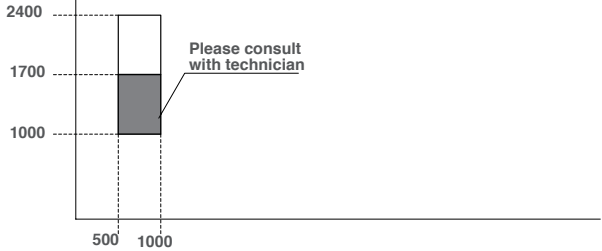
- External insect screen available
- Internal insect screen (optional)
- Flat attachment option



OUT-SWING DOOR (SINGLE)



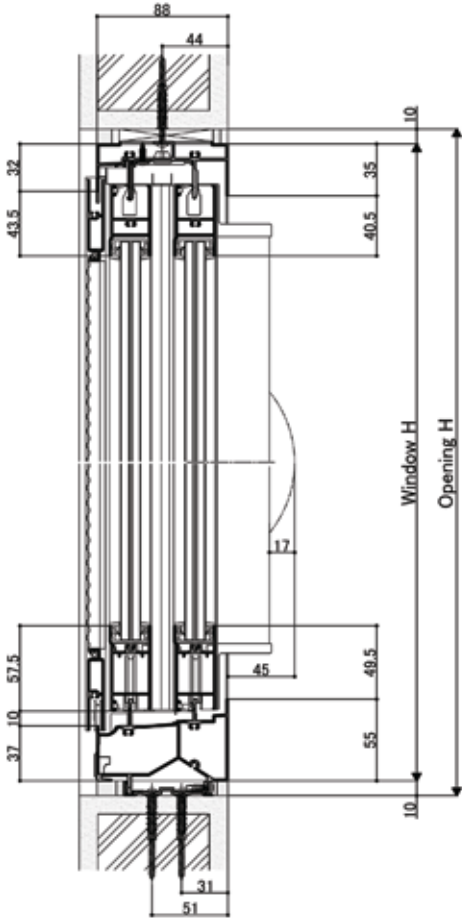
- Door closer not available
- Select from L/R



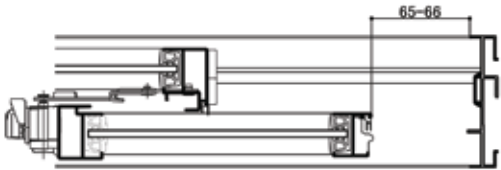
MIXED & COMBINATION WINDOW

- Mullions and Transoms are available for various windows and doors, Please consult with our sales representative for selection 180° mullion (standard and reinforced)

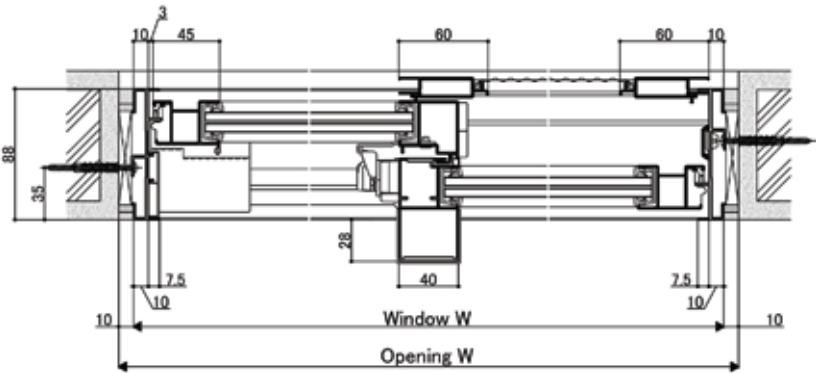
ATIS PLUS WINDOW SERIES



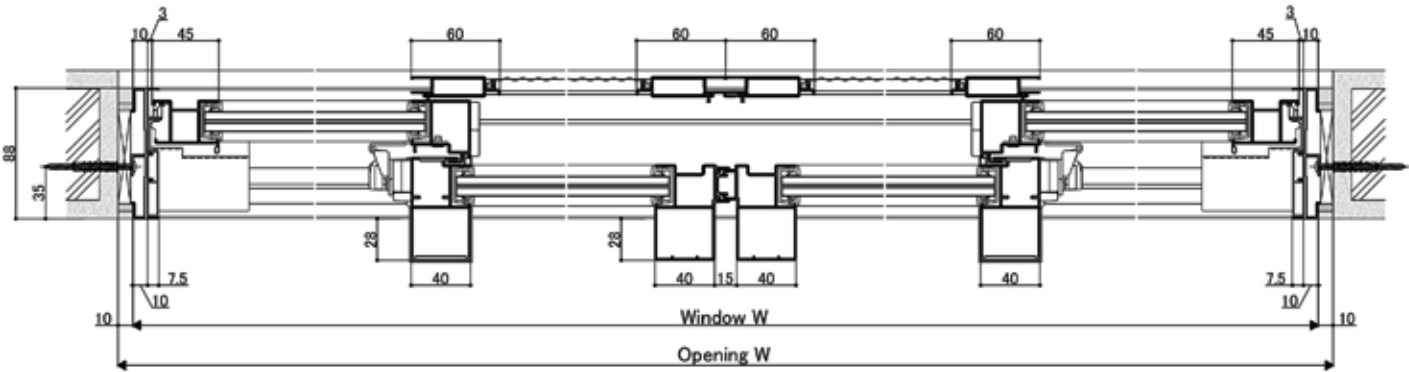
< Vertical section: 2 and 4 panels sliding window >



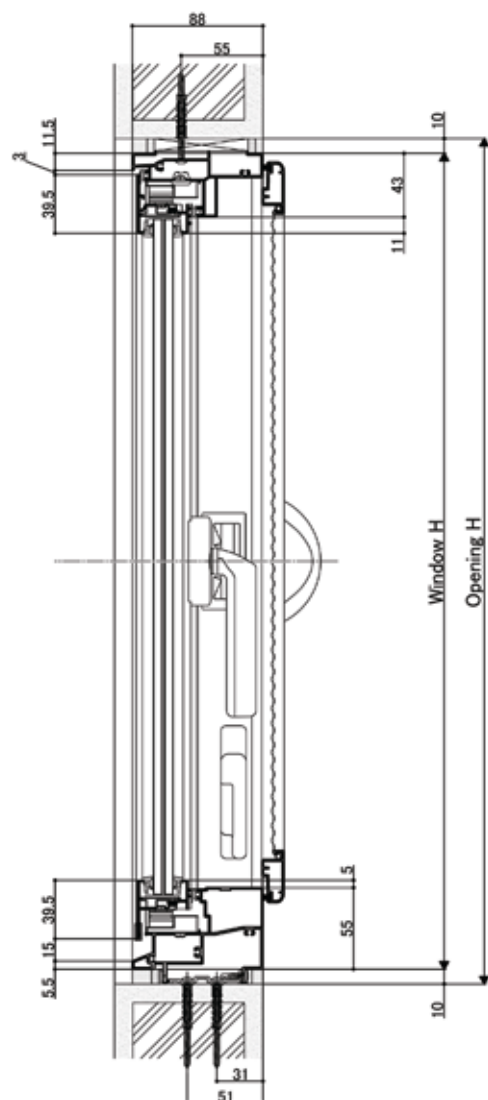
< Options (limit arm) Jamb detail >



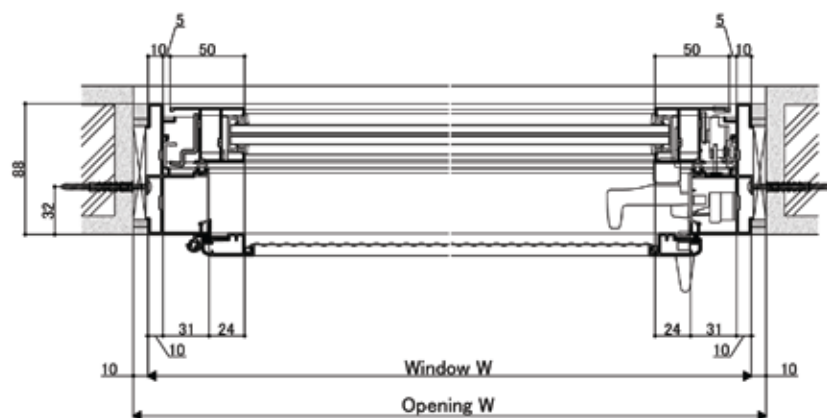
< Horizontal section: 2 panels sliding window >



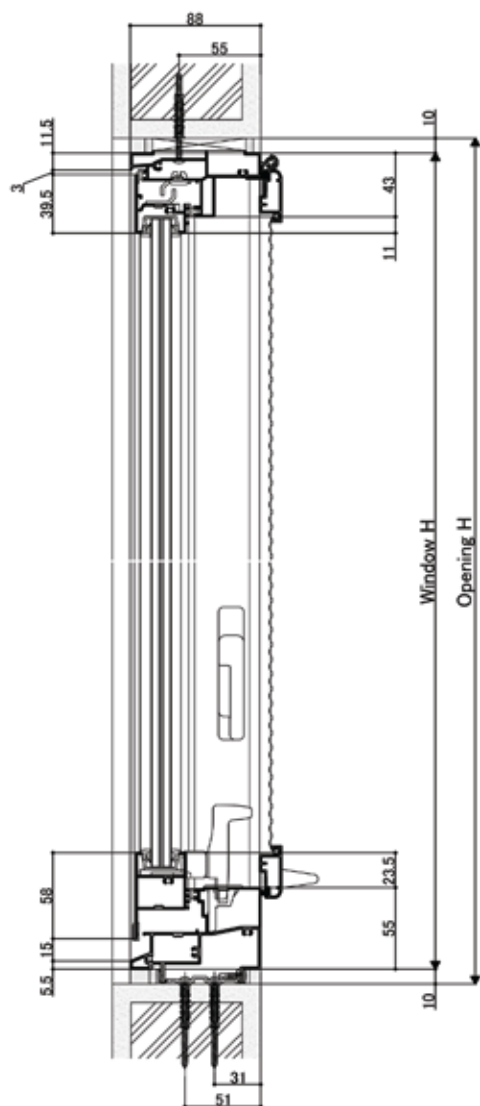
< Horizontal section: 4 panels sliding window >



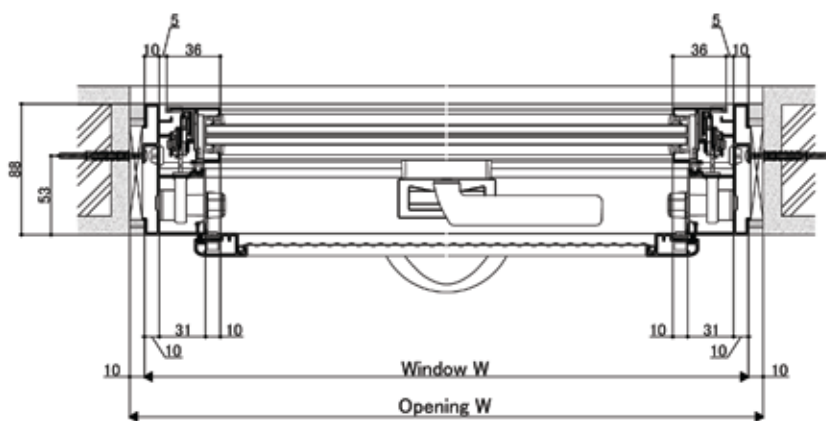
< Vertical section: Casement window (with sublock) with screen >



< Horizontal section: Casement with screen >



< Vertical section: Awning window (with sublock) with screen >

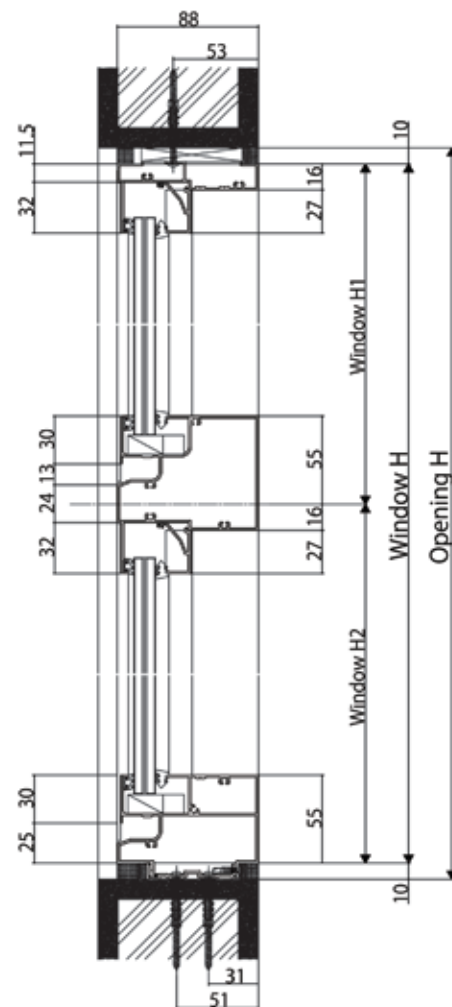


< Horizontal section: Awning with screen >

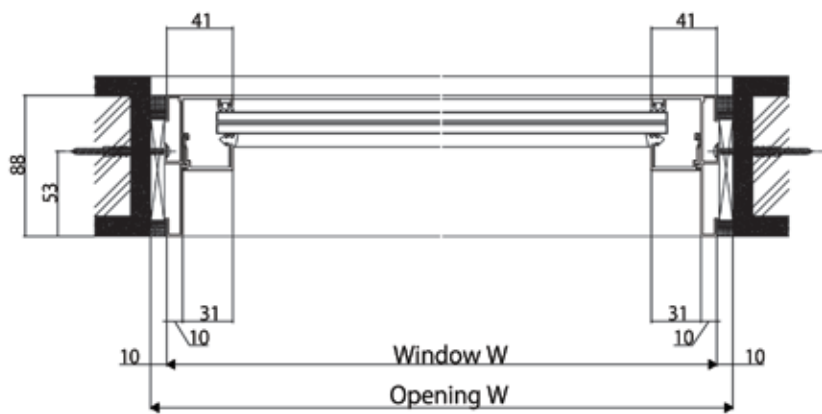
REFERENCE DRAWINGS



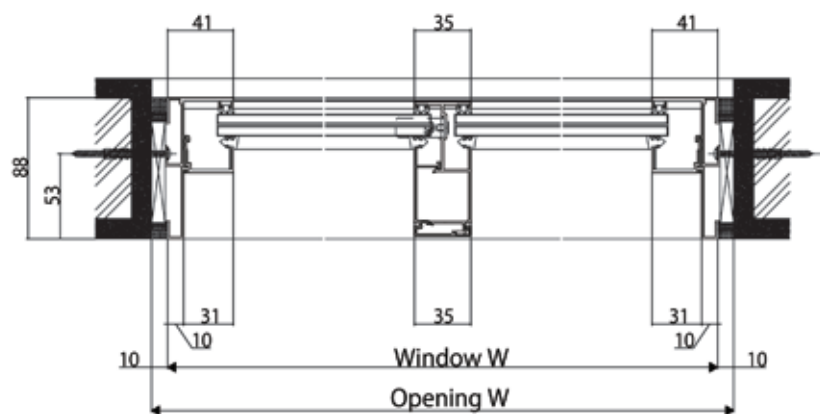
< Vertical section: Single fixed window >



< Vertical section: Fixed window with transom >

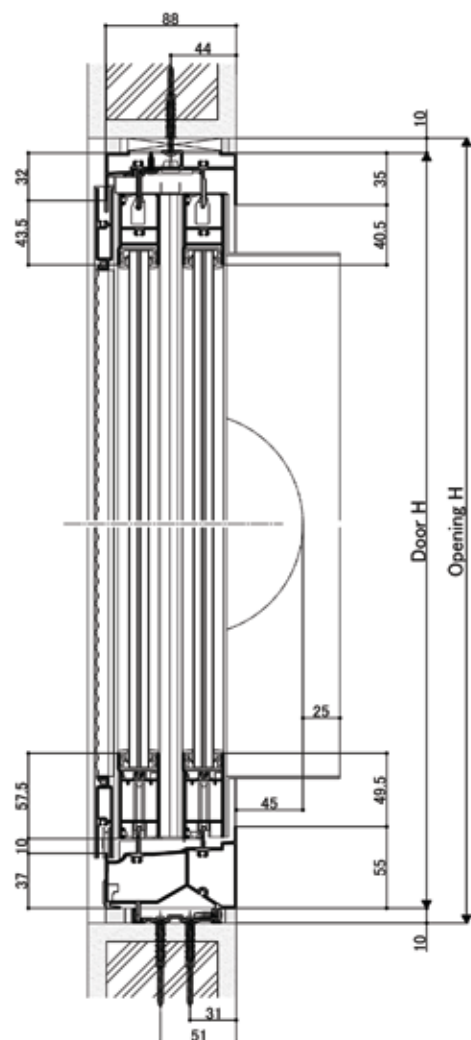


< Horizontal section: Single fixed window >

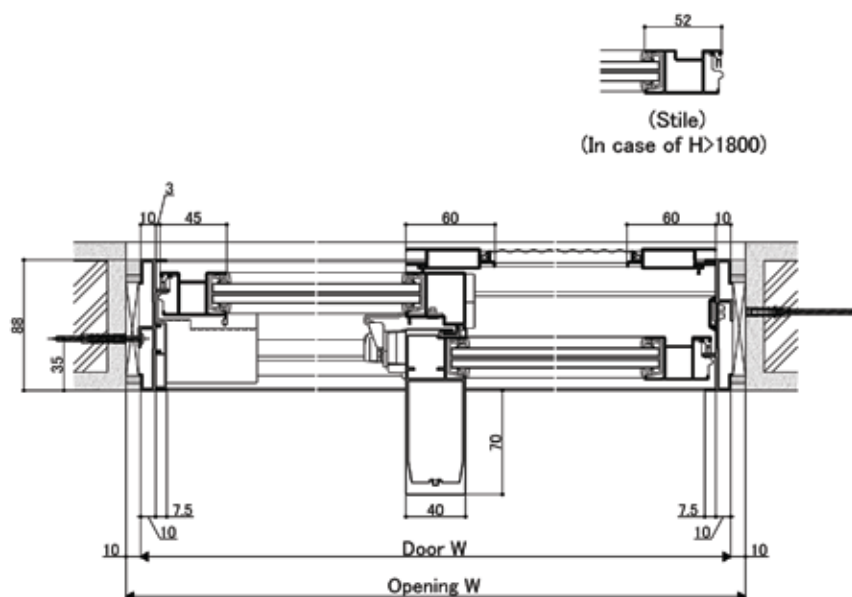


< Horizontal section: Fixed window with mullion >

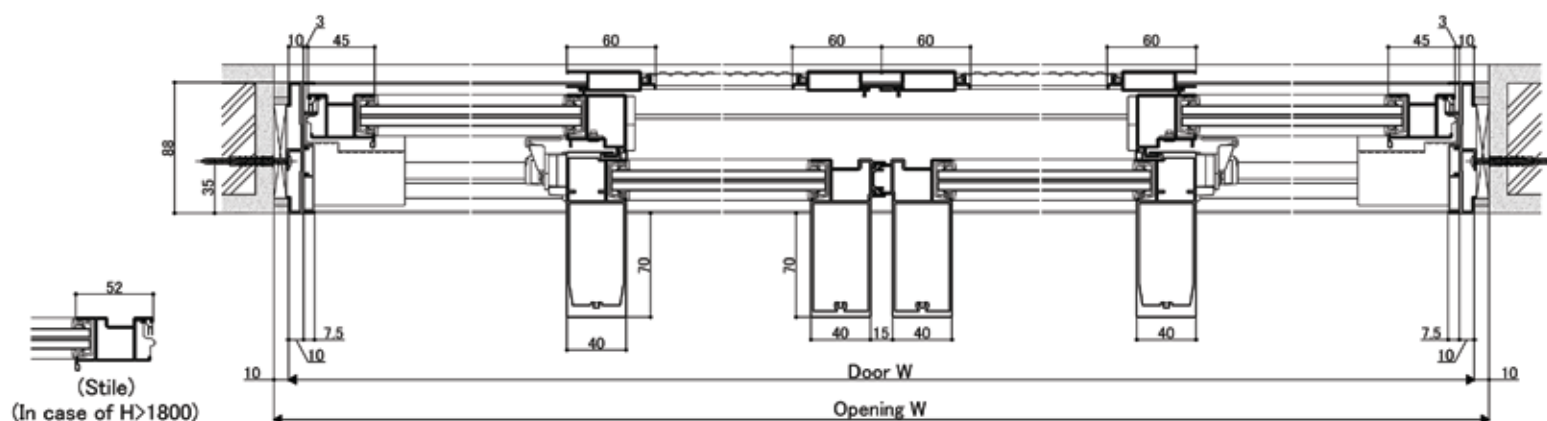
ATIS PLUS DOOR SERIES



< Vertical section: 2 and 4 panels sliding door >

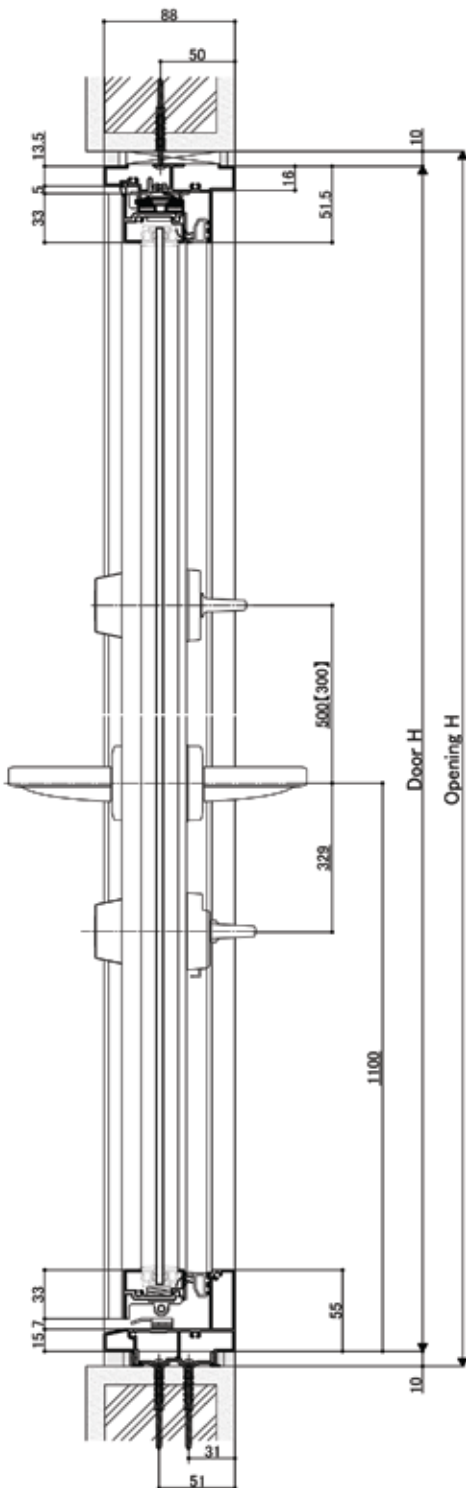


< Horizontal section: 2 panels sliding door >



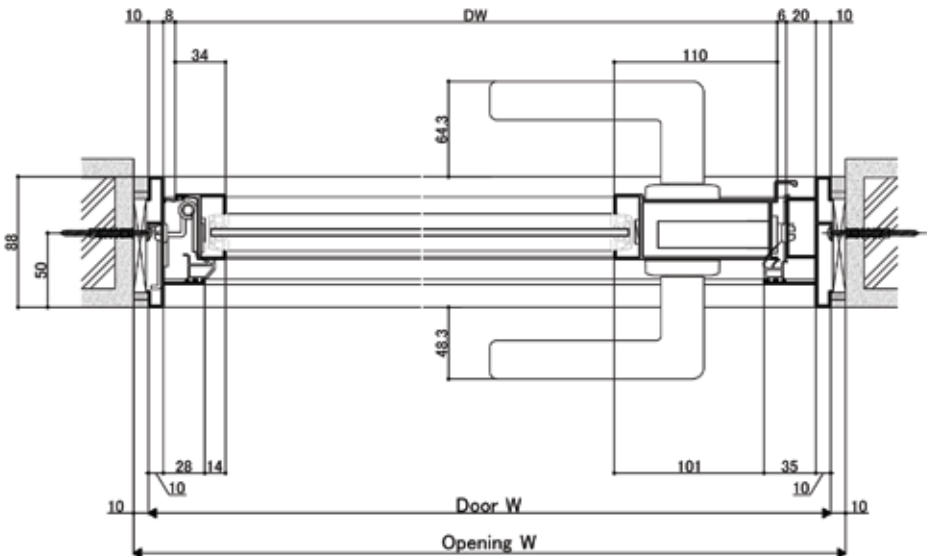
< Horizontal section: 4 panels sliding door >

REFERENCE DRAWINGS



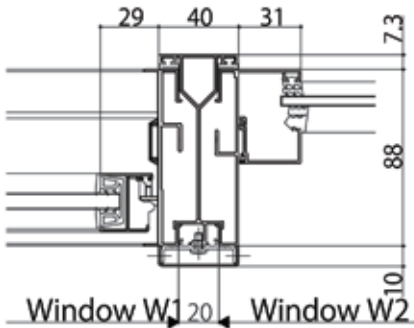
【 】 In case $H \leq 2000$

< Vertical section: Single Out-swing door >

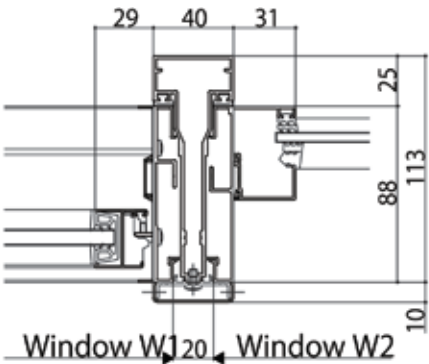


< Horizontal section: Single Out-swing door >

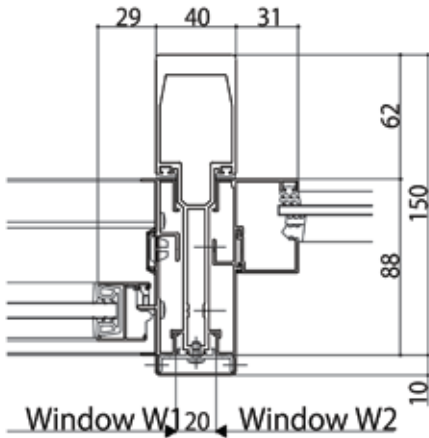
ATIS PLUS COMBINATION



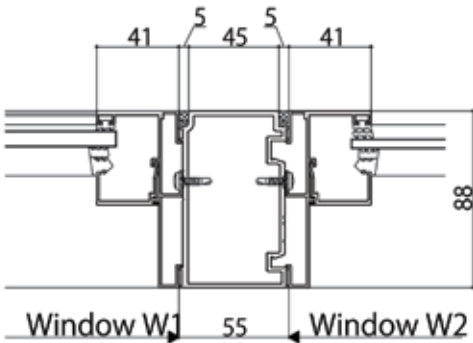
Mullion 180 A Type



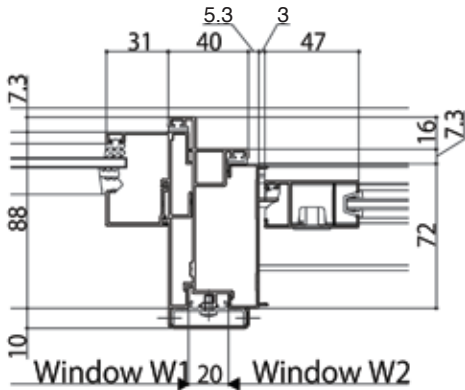
Mullion 180 B Type



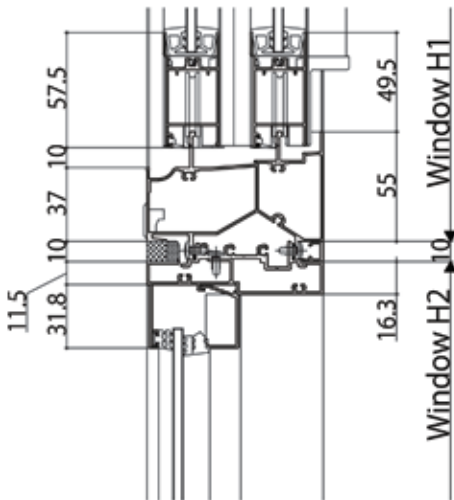
Mullion 180 C Type



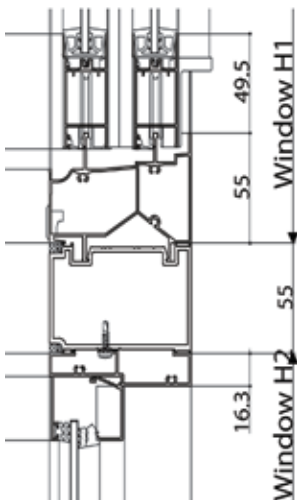
Reinforcement Mullion 180



< Horizontal section: Mullion 180 for WE combination >



Transom A



Reinforcement Transom