

FITTING INSTRUCTIONS

FOR SIDE SWING WINDOW 90° WITH FRICTION IPA NO.s 21194-95

WHEN MANUFACTURING THE WINDOW AND MOUNTING THE FITTINGS THE SLIDING SHOES NEED TO BE IN CENTER POSITION IN THE ALUMINIUM PROFILE, THIS ENABLES THE WOOD TO WORK. WHEN MOUNTING THE WINDOW THE TOP AND BOTTOM FRAME SHOULD BE PARALLEL. THIS IS NECESSARY, IN ORDER TO LET THE SLIDING SHOES GLIDE WITHOUT FRICTION IN THE ALUMINIUM PROFILE.

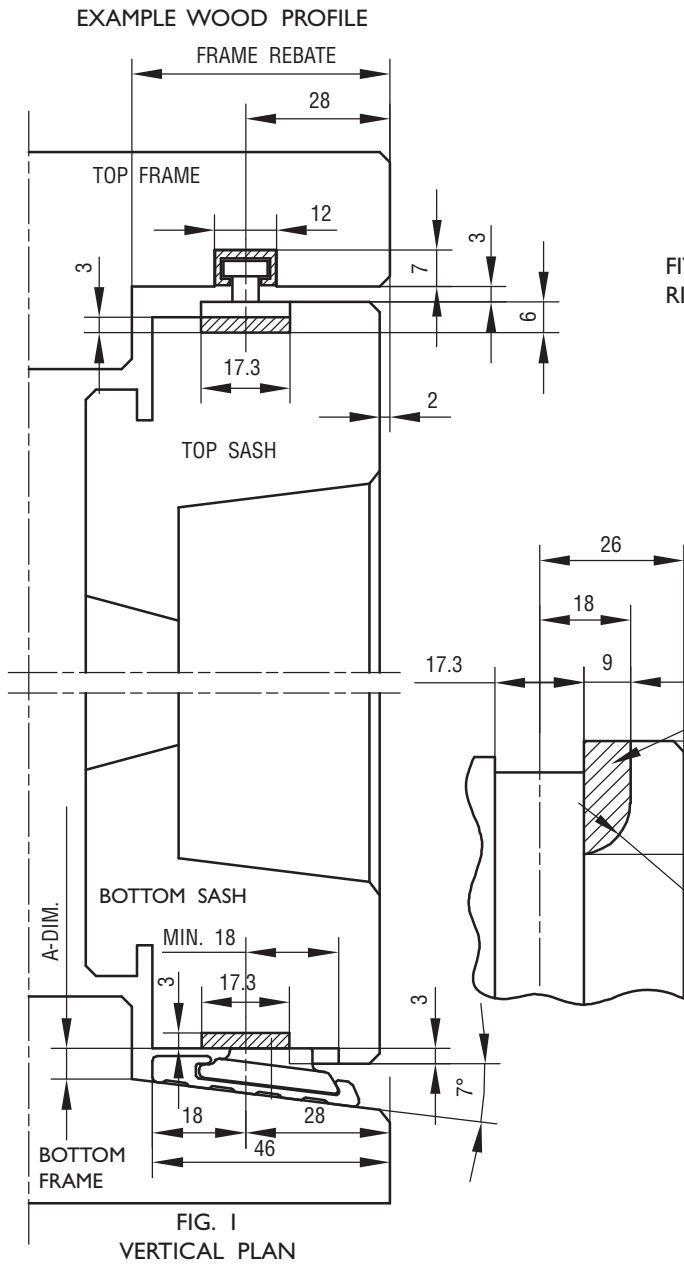


FIG. 1
VERTICAL PLAN

FRAME SIDE AND SASH SIDE NEED TO HAVE THE SAME PROFILE AS TOP FRAME AND TOP SASH.

FITTING:

1. THE FITTING SHOULD BE POSITIONED IN THE GROOVES AT HEAD AND CILL OF FRAME AND SCREWED ON (FIGURE 1 AND 2)
2. NOW PUSH THE WINDOW SASH INTO POSITION BY SASH SLOTS AND FASTEN THE SCREWS.
3. NOW THE FRICTION CAN BE ADJUSTED BY MEANS OF THE NYLON SCREW ON THE TOP FITTING. IF A LARGER OPENING ANGEL IS WANTED THEN MOVE THE ADJUSTABLE STOP FITTING IN THE TOP FRAME ALUMINIUM RAIL.

MAINTENANCE:

THE FITTINGS ARE NOT TO BE PAINTED. TEST THE OPERATION FROM TIME TO TIME. WHEN FITTING - LUBRICATE THE PIVOT/MOVABLE METAL PARTS OF THE MECHANISM WHILE ACTIVATING REPEATEDLY. HEREAFTER LUBRICATE MINIMUM TWICE A YEAR.

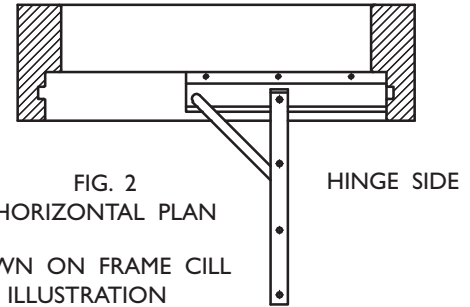


FIG. 2
HORIZONTAL PLAN

FITTING SHOWN ON FRAME CILL
RIGHT HAND ILLUSTRATION

REG. TALL WINDOWS:

FOR TALL AND NARROW SASHES PLEASE NOTE THAT THE TOP AND BOTTOM SLIDING ELEMENTS MAY NOT MOVE EXACTLY ALIKE, BECAUSE OF THE DISTANCE BETWEEN THE TWO ELEMENTS. THIS MAY MAKE THE MOVEMENT OF THE SASH A LITTLE MORE DIFFICULT. EVT. USE BOTH HANDS.

EXTRA CUT OUT IN SASH FROM UNDERNEATH. THE SLOT ROUTE-RED OUT MUST HAVE A WIDTH OF 22 X 9 MM AND A DEPTH OF 3 MM.

| FRAME REBATE | A-DIM. |
|--------------|--------|
| 46 | 6.5 |
| 50 | 6.0 |
| 54 | 5.5 |

FIG. 3

| IPA NO. | 21194 | 21195 |
|-------------------------|-------|-------|
| MAX. WEIGHT OG SASH KGS | 20 | 40 |
| MIN. WIDTH OG SASH | 150 | 320 |
| MAX. WIDTH OF SASH | 320 | 820 |
| USE SCREW NO. | 4.0 | 4.0 |

FIG. 4