FB51 INSTALLATION INSTRUCTIONS:

1. MORTISE INACTIVE DOOR FOR FB51T (TOP) AND OPTIONAL FB31B FLUSH BOLT(S).
2. FB51 FLUSH BOLT FITS ANSI 115.4 DOOR AND FRAME PREPARATION.
3. HANG INACTIVE DOOR. WITH DOOR OPEN, MEASURE MINIMUM DISTANCE (MINIMUM CLEARANCE) FROM DOOR TO FINISHED FLOOR.
4. REMOVE DOOR. INSTALL FB51T (TOP) FLUSH BOLT IN EDGE OF DOOR. THREAD ROD WITH BOLT INTO TUBE OF FLUSH BOLT AND ADJUST BOLT SO IT IS FLUSH WITH THE TOP OF DOOR WHEN RETRACTED AND BEVEL IS TOWARDS THE PUSH SIDE OF DOOR. FLUSH
5. INSTALL TOP GUIDE.
6. INSTALL FB31B (BOTTOM) FLUSH BOLT (IF USED) IN EDGE OF DOOR AND ADJUST BOLT TO PROJECT 1/8" LESS THAN MINIMUM CLEARANCE.
7. INSTALL BOTTOM GUIDE.
8. INSTALL FLOOR STRIKE.
9. INSTALL TOP STRIKE IN STANDARD ANSI FRAME PREPARATION.
10. INSTALL RUB PLATE(S) ON EDGE

FIELD ADJUSTMENT

VERTICAL ROD ADJUSTMENT:

TOP FLUSH BOLT: REMOVE GUIDE, TURN BOLT CLOCKWISE OR COUNTERCLOCKWISE AS NECESSARY TO ADJUST, REPLACE GUIDE.

BOTTOM FLUSH BOLT: REMOVE DOOR FROM HINGES, REMOVE GUIDE, TURN BOLT CLOCKWISE OR COUNTERCLOCKWISE AS NECESSARY TO ADJUST, REPLACE GUIDE, REPLACE DOOR.

NOTE:
1. INSTALL COORDINATOR BEFORE CONSTANT LATCHING FLUSH BOLTS.
2. THE RECOMMENDED CLEARANCE BETWEEN DOORS IS 1/8" (3).
3. THE MAXIMUM UNDERCUT IS 1" (25).
4. FOR ADDITIONAL INFORMATION ON OPTIONAL DUST PROOF STRIKES, SEE DPI AND DP2 TEMPLATES.

SCREW DETAILS PER FLUSH BOLT

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>MACHINE SCREWS</th>
<th>SHEET METAL SCREWS</th>
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<tbody>
<tr>
<td>HOUSINGS</td>
<td>4</td>
<td>8-32 x 3/4&quot; UPHMS</td>
<td>-----</td>
</tr>
<tr>
<td>FACE PLATES</td>
<td>2</td>
<td>8-32 x 3/4&quot; UPHMS</td>
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<tr>
<td>BOTTOM STRIKE</td>
<td>2</td>
<td>8-32 x 3/4&quot; UPHMS</td>
<td>#8 x 1&quot; FPHEMS W/PLASTIC EXP SHIELD</td>
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<tr>
<td>TOP STRIKE</td>
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<td>8-32 x 3/4&quot; UPHMS</td>
<td>#8 x 3/4&quot; FPHEMS W/PLASTIC EXP SHIELD</td>
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<tr>
<td>RUB PLATES</td>
<td>2</td>
<td>-----</td>
<td>#6 x 3/4&quot; FPHEMS</td>
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<tr>
<td>GUIDES</td>
<td>2</td>
<td>8-32 x 3/4&quot; UPHMS</td>
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NOTE: DIMENSIONS IN () ARE MILLIMETERS.
FB51T & FB31B
SIDE VIEW

REVERSIBLE BOLT GUIDE

FRAME & SILL STRIKE

BACKSET

RUB PLATE

TOP
FLUSH BOLT
RUB PLATE LOCATION

BOTTOM
FLUSH BOLT
RUB PLATE LOCATION

REVERSIBLE BOLT GUIDE

NOTE: DIMENSIONS IN ( ) ARE MILLIMETERS.