ED5200(A) Series Rim Exit Devices
Installation Instructions
(Single Doors or Pairs with Mullion)
FM156 08/11

For Metal, Composite and Wood Doors of Either Hand

Outside Trim
Device is packed ready for any compatible trim.

Fire Devices Only

Dogging
Feature to hold bolts retracted and touchpad depressed, for push-pull door operation.

To Dog Device
1. Insert dogging key.
2. Hold touchbar depressed.
3. Turn key 1/4 turn clockwise.

(Not a feature of the fire labeled devices.)

Shim Kit Option

697F338, Black Finish
Kit consists of Latch Head Shim (Device Cover seats on shim) and End Clamp Shim (End Cap seats on shim).
Each shim is $\frac{1}{8''}$ thick.
More than two Shim Kits require longer device mounting screws (not included).

Sex Nut Option

Recommended for wood, composite or unreinforced metal doors. Standard for fire rated doors.

<table>
<thead>
<tr>
<th>Device</th>
<th>Quantity</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panic x M54</td>
<td>4</td>
<td>1/4-20</td>
</tr>
<tr>
<td>Fire Rated</td>
<td>4</td>
<td>1/4-20</td>
</tr>
</tbody>
</table>
Check Before Starting

Minimum Door Stile 4-1/2" (114mm)

Door and Frame must meet structural and dimensional specifications on exit device template(s) for door and frame preparation.

Unreinforced Door or Frames
Doors and Frames with walls having a structural thickness (metal skin plus reinforcement, or solid hardwood) to engage less than (3) full screw threads, are considered unreinforced for hardware.

Unreinforced Doors: Use SNB (sex nuts and bolts).
Unreinforced Frames: Use Blind Rivet Nuts.
Recommended fasteners for unreinforced openings are not necessarily supplied by Corbin Russwin.

Reinforced Door or Frame engages at least (3) screw threads.

1. Mark Door

Locate and Mark Horizontal and Vertical Reference Centerlines, as shown.

1-5/16"

C VERTICAL REFERENCE

C HORIZONTAL REFERENCE

STOP FACE

39-15/16" (1014)

FINISHED FLOOR

MULLION FACE

Typical Single Swing

Pair with Mullion

ASSA ABLOY, the global leader in door opening solutions
2. Prepare Door & Frame

A. Seat template on door and stop faces.
B. Align horizontal and vertical centerlines. Tape Template in place.
C. Locate and tape Trim Template to door. (See instructions packed with Trim)
D. Spot and prepare holes.

Device:  
(2) 1/4"-20 Machine Screws (*), or
(2) 3/8" Dia. Sex Nuts & Bolts
(10)

Strike:  
(2) 10-24 Machine Screws, or
(2) #10 Wood Screws

(*) Metal reinforced doors only.

3. Size Device

Device must be field cut to size, unless standard opening and device are 36" (0.91m).

LHR Door Open 90°
Inside Face

ASSA ABLOY, the global leader in door opening solutions
4. Clear Raised Door Molding

Device must seat flush on door surface, or on shims that keep it parallel to door face.

One shim Kit 697F338 required for each 1/4" (6mm) of device lift needed. Longer device mounting screws needed when more than (2) shim kits are used. See Shim Kits Option on front page.

5. Install Device

Seat Bar in Place, True to Door Face

A. Mount Trim (Follow instructions Packed with trim).
B. Seat Bar in Place. Fasten Device Head (Pan Head Machine Screws or SNB).
C. Set Bar Level. Locate End Clamp Holes.
E. Check Bolt Retraction.
   1. Depress touchbar (bolt must retract). Release touchbar (bolts must extend).
   3. (NOT FOR FIRE DEVICES). Depress touchbar, turn dogging key clockwise (bar must remain depressed, bolts must remain retracted). Turn dogging key counterclockwise (bar and bolts must return to extended position).

NOTE: When resulting operation is faulty, check first for visible binding or interference. If there is no apparent reason for the fault, remove item from the door and recheck its operation before assuming that it is defective.
F. Tighten All Mounting Screws.

ASSA ABLOY, the global leader in door opening solutions
RHR Door  
Note: Do not photocopy. Dimensions will not be to scale.  
FLIP TO OTHER SIDE FOR LHR DOOR

<table>
<thead>
<tr>
<th>HOLE</th>
<th>DOOR/FRAME</th>
<th>FASTENER</th>
<th>PREPARATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Metal Reinforced</td>
<td>1/4-20 Machine Screw</td>
<td>Drill: #7 (.201&quot; dia.) Tap: 1/4-20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>All others</td>
<td>1/4-20 SNB</td>
<td>3/8&quot; (9.50mm) dia. thru door</td>
</tr>
<tr>
<td>B</td>
<td>Metal Reinforced</td>
<td>10-24 Machine Screw</td>
<td>Drill: #26 (.147&quot; dia.) Tap: 10-24</td>
</tr>
<tr>
<td></td>
<td>Solid Hardwood</td>
<td>#10 x 1-1/4' Wood Screw</td>
<td>Pilot Hole: 11/64&quot; (4.40mm) dia.</td>
</tr>
<tr>
<td></td>
<td>All others</td>
<td>See Note 2</td>
<td>As required for blind nut used.</td>
</tr>
</tbody>
</table>

Notes:
1. For ED5200(A): Use with installation instructions FM156 (latest revision).
For ED5200S(A): Use with installation instructions FM532 (latest revision).
For ED5200S(A) x M107: Use with installation instructions FM532 (latest revision).
2. Unreinforced Frames require 10-24 blind rivet nuts (by others) be used to bolt strike. Frames are considered not reinforced when strike mounting screws cannot engage (3) full threads.
3. Dimensions are given in inches (mm).
4. CAUTION: Office copiers and facsimile machines may change the size of a drawing and make the template inaccurate to use as a door marker. If this is not the original template packed with the trim, use only the dimensions written on the template to locate the holes on the door (do not use the template as a door marker).

ED5200(A) Series, ED5200S(A) Series and ED5200S(A) x M107 (Windstorm) Rim and SecureBolt® Exit Devices Door Marker Template
Door Marker Template

Rim and Securebolt® Exit Devices
ED5200(A) x M107 (Windsorstorm) Ed5200(A) Series, Ed5200s(A) Series

HOLE

A and C

DOOR/FRAME
Metal Reinforced
1/4-20 Machine Screw
10-24 Machine Screw
#10 x 1-1/4 Wood Screw

See Note 2
Metal Reinforced
Solid Hardwood
All others
1/4-20 SNB

DRILL: #7 (.201 dia.)
TAP: 1/4-20
Pilot Hole: 11/64 (4.40mm) dia.
As required for blind nut used.

3/8 (9.50mm) dia. thru door

Caution: Office copiers and facsimile machines may change the size of a drawing and make the template inaccurate to use as a door marker. This is not the original template packed with the trim. Use only the dimensions written on the template to locate the holes on the trim. Use any of the dimensions written on the template to locate the holes on the trim. Use any of the dimensions written on the trim. This is not the original template packed with the trim. Use only the dimensions written on the template to locate the holes on the trim. Use any of the dimensions written on the template to locate the holes on the trim. Use any of the dimensions written on the template to locate the holes on the trim. Use any of the dimensions written on the template to locate the holes on the trim. Use any of the dimensions written on the template to locate the holes on the trim. Use any of the dimensions written on the template to locate the holes on the trim. Use any of the dimensions written on the template to locate the holes on the trim. Use any of the dimensions written on the template to locate the holes on the trim. Use any of the dimensions written on the template to locate the holes on the trim. Use any of the dimensions written on the template to locate the holes on the trim. Use any of the dimensions written on the template to locate the holes on the trim. Use any of the dimensions written on the template to locate the holes on the trim. Use any of the dimensions written on the template to locate the holes on the trim. Use any of the dimensions written on the template to locate the holes on the trim. Use any of the dimensions written on the template to locate the holes on the trim. Use any of the dimensions written on the template to locate the holes on the trim. Use any of the dimensions written on the template to locate the holes on the trim. Use any of the dimensions written on the template to locate the holes on the trim. Use any of the dimensions written on the template to locate the holes on the trim. Use any of the dimensions written on the template to locate the holes on the trim. Use any of the dimensions written on the template to locate the holes on the trim.

Note: Do not photocopy.
Dimensions will not be to scale.

Flp to other side for RHR door

LHR Door

Face Surface
Steam Stop or Frame
(Snicket Seat)
(Strike Seat)

1116 (17)
58 (92)
3
516 (59)
2
58 (16)
1116 (17)
1132 (34)
1
6. Install Strike

A. Position Strike Projection (Strike + Locking Plate + Shims, if needed). See Detail A.

B. Position Strike Depth. See Detail B.

C. Fasten Strike Securely, as shown on Detail C.

D. Check Bolt Engagement.
   1. Bolt should retract to clear the strike, when actuated by bar, trim, or dogging action. Bolt should consistently re-engage the strike, when actuators are released and the door shuts.
   2. Door should remain latched and not rattle when pushed, pulled, or shaken in/out.

E. (Fire Devices Only) Stabilize Strike. See Detail E.
   1. Prepare for and install strike center screw (1 # 10-24 Flat Head Machine Screws).
   2. Position strike interlock bracket in place, as shown. Locate bracket holes.
   3. Prepare interlock bracket mounting holes. Mount interlock bracket (4 # 10-24 Flat Head Machine Screws or SNB).

7. Install Head Cover & End Cap

Use (2) 8-32 Flat Head Machine Screws each, for Cover and for (3) End Cap.

ASSA ABLOY, the global leader in door opening solutions
Plastic Template Instructions

For use in conjunction with instruction sheets and door marker templates packed with exit device. Holes and slots are identified below by exit device series and trim. Prep door and frame for only those features required for the exit device being installed.