

Why we are better!

5100 Series Sliding Doors

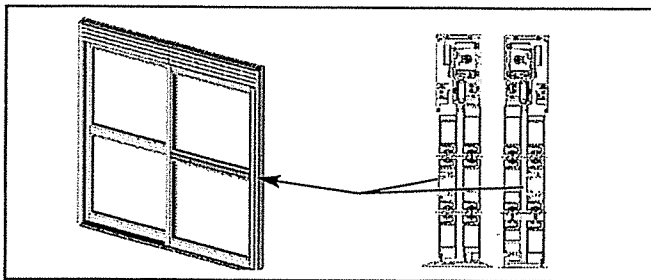
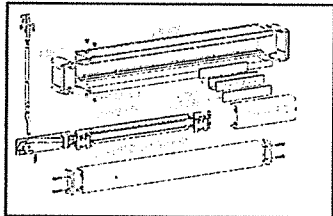
All record-usa Series 5100 automatic sliding entrances allow the sliding doors to break away and swing in the direction of egress when force is applied (similar to a swing door). The doors can be pushed to swing at any point in the door opening or closing cycle (except for Reverse Breakout units), and the force required to break the doors away is mechanically adjustable. On units with exterior swing-out sidelites, breaking the doors away will also cause the sidelites to swing in the same direction as the sliding doors. These units also incorporate mechanical interlocks that lock the sliding doors and sidelites together when the doors are full closed. record-usa utilizes 1 3/4" x 4 1/2" framing for the side jambs and transom members on all sliding entrances. Where applications require, optional 1" x 4 1/2" or 4 1/2" x 4 1/2" framing may be substituted. On telescope, full pocket, and surface mount units, 1 3/4" x 6 1/2" framing is standard with optional 1" x 6 1/2" framing also available. On surface mounted units, 1 3/4" x 2 3/4" (narrow stile) or 1 3/4" x 4 1/4" (medium stile) filler tubes are mounted against the wall or storefront in place of sidelites to provide a weather seal and members to mount the safety beams.

Special Size Extrusions: The Series 5100 narrow stile packages are available with 3" top rails, 3 1/2" bottom rails, 2" stiles, and 1 1/2" muntin bars. Standard medium stile packages are available with 3" top rails, 6" bottom rails, 3 1/2" stiles, and 1 1/2" muntin bars. The sight line dimensions include 3/8" allowance for glass stop on the daylight side of all members (i.e., 1 1/2" muntins are dimensioned as 3"). Optional special size extrusions are available to allow flexibility in the sight line design to match a certain store-front appearance as required. These extrusions include: RAILS: 5 3/4", 6 3/4", 9 3/4", 10 3/4" and MUNTINS: 4", 5", 5 1/2", 6 1/2", 7 1/2" (NOTE: All the dimensions given above are sight line dimensions including glass stop.)

Also, glass stop configurations are available to accommodate 1/2", 5/8", 3/4", 3/4", and 1" glass in doors, sidelites and transoms. Certain size restrictions apply to sliding doors with special size glass, so please contact record-usa for assistance in designing an entrance to fit your needs.

5100 Series Recessed Exit:

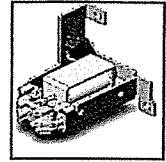
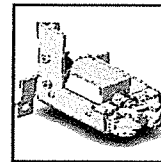
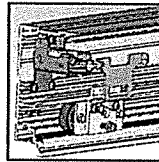
- The new record-usa recessed exit device complies with current egress requirements for size and actuation, extending more than one-half the width of the door and requiring only 1/4" of travel.
- Complies with the BOCA requirement for the exit device to have a "projection" from the face of the door.
- Available on full break out (SO-SX) and fixed panel (O-SX) door systems.
- Integrated into the door with a 3 1/2" tall profile; a matching horizontal is available for sidelites.
- Standard actuation bar color is clear anodized.
- Available now as an alternate to paddle exit devices which may not meet code requirements and surface mount devices that may restrict the travel of a door leaf while at the same time limit design parameters.



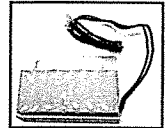
Options:

The record-usa Series 5100 sliding entrance offers a wide variety of options to provide an entrance which functions exactly as the designer requires. These options include:

- **Electric Locking:** Concealed electric locks are available in both fail safe (unlock on loss of power) and fail secure (lock on loss of power) operation. The electric locks are mounted in the header and operate as a carriage lock that automatically locks the door against slide after each open-close cycle, or can be unlocked for daytime use and locked at night.



- **Battery Pack:** A constant charge battery pack is available for use with building alarm and security systems to ensure that entrances are secured in an emergency. The battery pack can be provided to open or close the door upon loss of incoming electrical power or when signaled from the security system. An UPS (uninterruptible power supply) that provides 300 door opening cycles is also available.



- **Partial Open Feature:** A selectable partial opening feature is available for applications that require a full width opening during pleasant weather conditions but a partial opening during harsh weather. The microprocessor-based operator control offers an infinite number of partial opening settings. The partial opening can be constant or automatic depending on traffic volume. In the automatic mode during high traffic conditions, the control will override the reduced opening setting and open the door to the full opening available. Once traffic decreases, the control will return to the reduced opening.

- **Assembly:** Proven composite carrier roller material. Sealed ball bearing construction with an effective anti-derail/anti-rise system. Lifetime roller track system and engineered noise reduction barrier composed of neoprene between track and header.
- **Door Closers:** Doors closers can be specified on either SX or SO panels that can be concealed in the top rail of door panels. During break out conditions the doors leaves are protected from damage. Doors are assured to close meeting code requirements after break away.



