

# NON-RATED FLOOR DOORS INSTALLATION & MAINTENANCE GUIDE | 14I-260

## GENERAL:

Floor doors ASF and MT are designed for safe, easy access through floors. These instructions are general guidelines and recommendations. Check with the local authority having jurisdiction for any additional installation requirements before installing.

Inspect all shipments and materials for missing or damaged components. Report immediately, and file a freight claim. If you sign for products without reporting you will be responsible for replacement costs.

**CAUTION:** The floor door cover is spring loaded. Standard precautions should be taken when handling. Be sure the floor door is in a horizontal, upright position prior to opening cover.

## CAST-IN-PLACE INSTALLATION:



Angled Frame (ASF)

Angled Recessed Frame (MT)

1. The frames can be cast in (poured in) concrete, typical for new construction. Verify that the outside floor door frame has a coating (ie. bituminous) to protect the aluminum from reacting with wet concrete.
2. Install the anchor brackets into the frame using bolts and nuts provided and bend outward.
3. Verify that the floor door is square and straight with the cover in the closed position, prior to pouring concrete.
4. Pour concrete to finish flush with the top edge of the frame, making sure to clean any excess concrete to prevent staining on aluminum surfaces. Allow the concrete to fully cure (up to 7 days) before operating the floor door.

## WOOD FRAMING INSTALLATION:



Angled Frame (ASF)

Angled Recessed Frame (MT)

1. Wood Framing Installation floor doors are provided with fasteners and sealant.
2. The frames can be installed into existing floor openings. Verify the existing opening will fit the outside frame dimensions with 1/4" overall clearance.
3. Clean installation area of debris and dirt and add sealant around opening.
4. Place floor door in existing opening. Verify that the floor door is square and level. Shim as necessary.
5. Use existing pre-drilled mounting holes in the frame to mount provided fasteners into wood frame (anchors by other is mounting into masonry).



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### OPERATION:

The basic components for floor door are the outer frame and door frame which are connected with hinges.

An included latch is used to release and open the door from the outside and inside. The latch may be covered with a removable cap or plug and operated with a removable tool. Floor doors include a spring cylinder that provides lift assistance.

- **Opening:** To open the floor door cover; use the slam latch lever handle from the interior or the removable tool from the exterior. Open the door fully, until the locking hold open arm engages.
- **Closing:** To close the floor door cover; disengage the locking hold open arm, then slowly close the cover making sure the slam latch engages the catch.

### MAINTENANCE:

Mill finish aluminum can be washed periodically with soap and water (no chemicals), if needed or desired to maintain a clean appearance.

It is recommended to manually operate the floor door at least once a year to check functionality of moving parts such as latches, hinges, handles and spring cylinders.

Test the outside and inside manual operation of latches.

Lubricate moving parts such as hinges and latches with a silicone spray as required to maintain a smooth opening/closing of door.