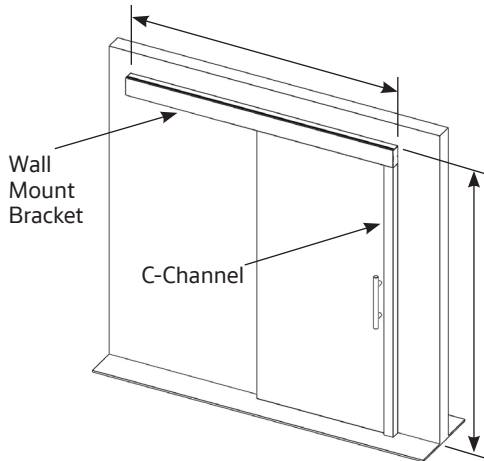


RITE Slide

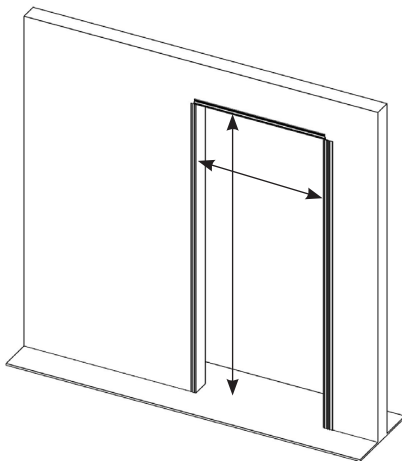
Wall Construction and Sizing Guide



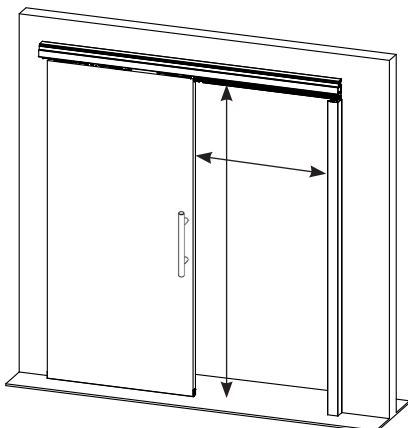
For sliding doors, **it is imperative that the wall is constructed plumb, square and level and the floor is free from height variance. It is equally critical that on the door side of the opening, there should be no variance in wall thickness between the Wall Mount Bracket location and C-Channel location.** The walls and floor should be closely checked prior to installation of RITE Slide. Any discrepancy can result in improper fit and operation due to the wall mounted track following any deflections in wall, door guide mounted to the floor, engagement of automatic door bottom, and receiver channel fixed to the vertical door jamb. If there is a floor variance, the high point should be used and remaining floor should be floated for any abnormalities.

RITE Slide has some minor adjustability built into the system to account for imperfect field conditions, however, **it is the responsibility of the general contractor to ensure true field conditions.** The diagram on the left shows the overall area per opening that must be constructed accordingly:

Total opening area: width = (finished opening x 2) + 2-5/8";
height = finished opening + 5-1/2"

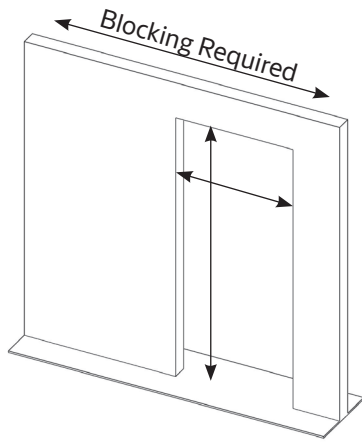


Finished Opening is the frame opening size; also referred to as nominal opening.



Egress Opening is the opening width with the door in the open position. As standard, RITE Slide assumes the door will protrude into the Finished Opening by 4-1/2" providing access to hardware. Some hardware types, including flush pulls, allow the door to open completely providing an Egress Opening equal to the Finished Opening. Unless coordinated at the time of order placement, all RITE Slide product will assume the 4-1/2" protrusion regardless of hardware. ADA requires a minimum 32" Egress Opening.

According to this standard, the formula for Egress Opening (EO) derived from the Finished Opening (FO) is: EO width = FO width – 4-1/2";
EO height = FO height.

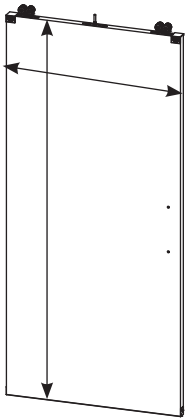


Rough Opening is the opening size framed in by studs and sheetrock prior to installation of product. It is important to note that solid blocking is required to run the full span of the sliding door track (5-1/2" tall) at the head condition, which supports the full weight of the door. The studs surrounding the frame (including header) should be inverted to provide wall compression if necessary.

The Rough Opening (RO) formula is derived from the Finished Opening (FO) as: RO width = FO + 1-1/4"; RO height = FO + 5/8".

For blocking: Sliding Door Track Width = (FO x 2) + 1-5/8"

ASSA ABLOY Rite Slide has been tested using wood blocking in the wall for anchoring the door track assembly. This can either be untreated wood or fire-retardant treated wood, depending on the construction type. Use of any other means of blocking besides wood would need to be reviewed and approved by the customer's designated engineer. Any issues arising from the omission of wood blocking will not be eligible for warranty claims, and the responsibility for such damages lies with the installer or end user. Proper installation using wood blocking is essential for the structural integrity and longevity of the product.



Net Door Size: Unlike the net door size for swing doors, the net door size for a slider is larger than the finished opening to provide proper overlap.

With the 4-1/2" standard door protrusion while open, and a standard 3/8" undercut, the formula for net door size is: Net Door Width = FO + 3-3/8"; Net Door Height = FO + 1".

*Doors hanger assemblies can be adjusted 1/4" up or down while maintaining proper door bottom engagement.

The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

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