



## Flat Rail Rolling Door Hardware Installation Instructions

### Important Specifications/Information

Maximum Clearance- 44mm – including door thickness and architrave.

Maximum door weight – 114kgs (250lbs)

**Please note** for all face mounted door hardware a wooden header is required to prevent the breakdown of your GIB. This can be achieved by either a wooden header, which can coincide with your architrave, or small mounting blocks placed behind the brackets. This would achieve Wood/GIB/Wood to prevent any damage.

### Roller Strap Installation

**The roller strap screws must be installed into solid wood, not recommended for hollow-core doors.**

1. The distance between the top of the door and the outer diameter of the wheel should be 52.4mm (this will achieve approximately 2.4mm gap between the top of the door and the rail).
2. Using the fasteners provided, attach the straps to the door. We recommend predrilling the screw holes in the door. The side to side placement of the straps is based on the aesthetic look you desire.
3. Make sure that proper vertical alignment of the strap is achieved before fastening the strap to the door.



### Rail Installation

**Rails must be mounted into solid wood (framing studs, header or securely attached trim) – resulting in wood/gib/wood.**

1. The location of the rail is dependent on the height of the door, desired gap between the floor and the bottom of the door and the desired over lay of the top of the door to the door opening.

**Recommend Rail positioning formula – Height of door plus desired gap at bottom plus 28.5mm = centre of rail.**

2. On the wall, determine the desired location of the mounting brackets (QG.FR201.08)  
**Recommended spacing for the wall mounting brackets is approximately 406mm.**

3. Transfer the location of the studs and mounting brackets to the backside of the rail by placing the rail flat on the wall and marking the stud/bracket locations on the back of the rail.

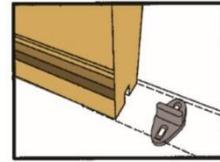


Centering guide

5. Use mounting bracket as a guide (as shown in picture) to hold the drill bit from “walking”, drill the mounting hole in the centre groove of the rail.
6. Mount the rail to the wall using the lag bolts and washer provided in the kit.

### Centre Guide Installation

1. Route a 6.35mm wide by 12.7mm deep groove, in the centre, of the bottom of the door.
2. Install the door onto the rail.
3. With the door hanging in the correct position on the rail (*plumb and square to the wall, with a consistent gap between door and wall*) Make a mark on the floor that lines up with the centre of groove on the bottom of the door.
4. Locate the door guide along the line marked on the floor so that the door guide is engaged in the groove in the door when the door is both in the closed position and opened position.
5. Secure the door guide to the floor with the supplied fasteners.



### Door Stop Installation

1. With the straps installed on the door, slide the door onto the rail that is installed on the wall.
2. Position the door in the desired location for the closed position. Place the door stop (QG.FR40.08) against the rail and the door. Mark the location of the mounting hole.
3. Now position the door in the desired location for the opened position. Mark the location of the mounting hole.
4. Using a 5/16" / 8mm drill bit, drill the holes for the door stop bolts.
5. Install door stops onto the rail, using the bolt and washer on the front side. Lock the washer and nut on the back side.



## Other Helpful Information

### Bi-Parting Door Installation

**Two separate rolling Barn Door kits as well as the optional rail splice kit (QG. FR41.08) will be required for most bi-parting door installations.**

When 2 or more rails are required:

1. Slide the rail splice kit into the grooves on the back of the rail, locating the centre of the splice kit between the 2 rails.
2. Tighten the set screws to secure the rails together.
3. Continue following the installation instructions for the rails, door stops, and centre-guides outlined above.



QG.FR41.08

## Measurements and Lengths

**Each rail is powder coated Matt Black and is solid aluminium. Rails are 50mm high and 6mm thick**

3' = 914mm  
4' = 1219mm  
6' = 1828mm  
8' = 2438mm

**Please note** – Multiple rails can be joined to achieve the overall desired length. Oversized rails can be easily trimmed down to the desired length and can be touched up with Matt Black spray paint.

### Strap Measurements -



#### Bespoke Strap

Overall Height	360mm
Wheel Size	127mm (5")
Top of door to top of strap	198mm



#### Hook Strap

Overall Height	320mm
Wheel	76mm (3")
Top of door to top of strap	147mm



#### Stick Strap

Overall Height	315mm
Wheel	76mm (3")
Top of door to top of strap	129mm



#### Top Mount

Overall Height	135mm
Wheel	76mm (3")
Top of door to top of strap	135mm



#### Horse Shoe

Overall Height	210mm
Wheel	76mm (3")
Top of door to top of strap	133mm