

## **Suggested Installation times for Kingfisher bottom-rolling doors**

**Please Note:** The times below are given as a guideline only. They are based on a 2-man team experienced in installing Kingfisher doors. Times are based on doors fitted to a pre-prepared flush opening with steel lintel and floor chase pre-cast in the concrete slab, and do not allow for travelling, taking down of existing doors, casting in bottom tracks, adverse site conditions, contractors' inductions, clearing up, etc.

<b><i>Mechanical Installation Times</i></b>	
<b>Overall width of opening and number of leaves</b>	<b>Time (hours)</b>
Bottom Tracks	1 hour per 3m length <sup>(1)</sup> (add ¼ hour per 3m length if twin track, ½ per 3m length if multiple track)
Top Tracks	1 hour per 3m length <sup>(1)</sup>
Leaf Assembly	1 to 1½ hours per leaf
Leaf Lifting	¾ hours per leaf
Slam post and jamb seal flashings	¾ hours per jamb
Draught flashing <sup>(3)</sup>	¼ hour per 3m length
Drive unit / drive cable	3 hours per drive unit
Flatform cable system	1 hour per 3m section <sup>(2)</sup>
Sheaving system	1 hour per door leaf
Sundry items, i.e., drop bolt keeps, handles, buffers	½ hour per leaf

We recommend a scissor lift for high level access - it will save time on manual and electrically operated doors. We recommend an electric hoist and 1-tonne sling for lifting leaves.

Wiring times are not included in the chart above, Kingfisher bottom-rolling doors are pre-wired within the drive mullion, ie, between control panel, push button pendant and drive unit. Additional site wiring will be required between the drive mullion and the flatform cable system and then from the flatform cable system to the mains isolator.

Limit switches are pre-wired within the drive mullion, but will need adjustment.

Additional controls and safety features, ie, safety edges, keyswitch, wicket door interlock switch, microwave sensor, photocell, etc, will need to be wired back to the control panel. A suitable core flatform cable is provided to take power back to the mains.

Wiring materials are not supplied by Jewers Doors. If in doubt, please contact Jewers for further details.

See notes overleaf.

1. Note, track length will depend on the door configuration. Bottom tracks are supplied pre-fabricated in 3m lengths, with up to 6 parallel tracks in a 3m length. Top tracks are supplied in individual 3m sections.
  - a. A 6m wide single leaf or bi-parting door on a single track will have a 4x bottom track sections and 4 top track sections – total 12m long track.
  - b. A 6m wide two-leaf, two-track door will have 3x bottom track sections and 8x top track sections.
  - c. A 30m wide eight-leaf, four-track door will have 13x bottom track sections and between 36 and 50 top track sections depending on electric or manual operation..
2. Note: The length of the platform cable system is determined by the opening width, ie, a 9m wide door will have a 9m platform track, regardless of number of tracks.
3. Draught flashings are fitted between top tracks and the total length is equivalent to the total number of door leaves x each leaf width.